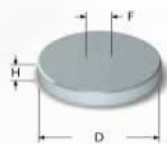


 **ITALFIT** *magneti*

PRODUCTS

# NEODYMIUM PERMANENT MAGNETS – DISCS

## DISCS 2-5 MM



They are obtained by sintering of Rare Earths. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces.

Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

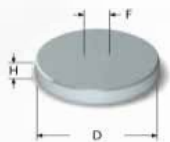
**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE              | TYPE     | DIAM. | H   | STRENGTH<br>KG |
|-------------------|----------|-------|-----|----------------|
| DN01.35NI00.21.5  | SC35MANI | 2     | 1,5 | 0,10           |
| DN01.35NI00.22    | SC35MANI | 2     | 2   | 0,12           |
| DN01.35NI00.23    | SC35MANI | 2     | 3   | 0,14           |
| DN01.35NI00.26    | SC35MANI | 2     | 6   | 0,16           |
| DN01.35NI00.31    | SC35MANI | 3     | 1   | 0,14           |
| DN01.35NI00.31.5  | SC35MANI | 3     | 1,5 | 0,18           |
| DN01.35NI00.32    | SC35MANI | 3     | 2   | 0,20           |
| DN01.35NI00.33    | SC35MANI | 3     | 3   | 0,25           |
| DN01.35NI00.34    | SC35MANI | 3     | 4   | 0,25           |
| DN01.35NI00.35    | SC35MANI | 3     | 5   | 0,30           |
| DN01.35NI00.36    | SC35MANI | 3     | 6   | 0,30           |
| DN01.35NI00.38    | SC35MANI | 3     | 8   | 0,32           |
| DN01.35NI00.310   | SC35MANI | 3     | 10  | 0,34           |
| DN01.35NI00.3.52  | SC35MANI | 3,5   | 2   | 0,25           |
| DN01.35NI00.3.53  | SC35MANI | 3,5   | 3   | 0,30           |
| DN01.35NI00.3.58  | SC35MANI | 3,5   | 8   | 0,40           |
| DN01.35NI00.3.59  | SC35MANI | 3,5   | 9   | 0,40           |
| DN01.35NI00.3.515 | SC35MANI | 3,5   | 15  | 0,40           |
| DN01.35NI00.41.5  | SC35MANI | 4     | 1,5 | 0,35           |
| DN01.35NI00.42    | SC35MANI | 4     | 2   | 0,40           |
| DN01.35NI00.43    | SC35MANI | 4     | 3   | 0,45           |

| CODE             | TYPE     | DIAM. | H   | STRENGTH<br>KG |
|------------------|----------|-------|-----|----------------|
| DN01.35NI00.44   | SC35MANI | 4     | 4   | 0,50           |
| DN01.35NI00.45   | SC35MANI | 4     | 5   | 0,50           |
| DN01.35NI00.47   | SC35MANI | 4     | 7   | 0,55           |
| DN01.35NI00.48   | SC35MANI | 4     | 8   | 0,55           |
| DN01.35NI00.410  | SC35MANI | 4     | 10  | 0,57           |
| DN01.35NI00.413  | SC35MANI | 4     | 13  | 0,54           |
| DN01.35NI00.415  | SC35MANI | 4     | 15  | 0,55           |
| DN01.35NI00.417  | SC35MANI | 4     | 17  | 0,58           |
| DN01.35NI00.418  | SC35MANI | 4     | 18  | 0,58           |
| DN01.35NI00.420  | SC35MANI | 4     | 20  | 0,59           |
| DN01.35NI00.425  | SC35MANI | 4     | 25  | 0,59           |
| DN01.35NI00.51   | SC35MANI | 5     | 1   | 0,20           |
| DN01.35NI00.51.5 | SC35MANI | 5     | 1,5 | 0,30           |
| DN01.35NI00.52   | SC35MANI | 5     | 2   | 0,40           |
| DN01.35NI00.53   | SC35MANI | 5     | 3   | 0,60           |
| DN01.35NI00.54   | SC35MANI | 5     | 4   | 0,65           |
| DN01.35NI00.55   | SC35MANI | 5     | 5   | 0,80           |
| DN01.35NI00.56   | SC35MANI | 5     | 6   | 0,78           |
| DN01.35NI00.58   | SC35MANI | 5     | 8   | 0,80           |
| DN01.35NI00.510  | SC35MANI | 5     | 10  | 0,90           |
| DN01.35NI00.512  | SC35MANI | 5     | 12  | 0,95           |
| DN01.35NI00.520  | SC35MANI | 5     | 20  | 1,00           |

# NEODYMIUM PERMANENT MAGNETS – DISCS

## DISCS 6-9,5 MM



They are obtained by sintering of Rare Earths. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces.

Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

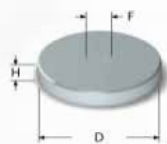
**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE               | TYPE     | DIAM. | H   | STRENGTH<br>KG |
|--------------------|----------|-------|-----|----------------|
| DN01.35NI00.61.5   | SC35MANI | 6     | 1,5 | 0,45           |
| DN01.35NI00.62     | SC35MANI | 6     | 2   | 0,55           |
| DN01.35NI00.63     | SC35MANI | 6     | 3   | 0,75           |
| DN01.35NI00.64     | SC35MANI | 6     | 4   | 0,94           |
| DN01.35NI00.65     | SC35MANI | 6     | 5   | 1,00           |
| DN01.35NI00.66     | SC35MANI | 6     | 6   | 1,10           |
| DN01.35NI00.67.5   | SC35MANI | 6     | 7,5 | 1,13           |
| DN01.35NI00.610    | SC35MANI | 6     | 10  | 1,20           |
| DN01.35NI00.615    | SC35MANI | 6     | 15  | 1,25           |
| DN01.35NI00.620    | SC35MANI | 6     | 20  | 1,27           |
| DN01.35NI00.625    | SC35MANI | 6     | 25  | 1,30           |
| DN01.35NI00.71.5   | SC35MANI | 7     | 1,5 | 0,50           |
| DN01.35NI00.72     | SC35MANI | 7     | 2   | 0,70           |
| DN01.35NI00.73     | SC35MANI | 7     | 3   | 0,96           |
| DN01.35NI00.75     | SC35MANI | 7     | 5   | 1,28           |
| DN01.35NI00.79     | SC35MANI | 7     | 9   | 1,70           |
| DN01.35NI00.710    | SC35MANI | 7     | 10  | 1,80           |
| DN01.35NI00.725    | SC35MANI | 7     | 25  | 1,85           |
| DN01.35NI00.7.51.5 | SC35MANI | 7,5   | 1,5 | 0,60           |
| DN01.35NI00.81.5   | SC35MANI | 8     | 1,5 | 0,64           |
| DN01.35NI00.82     | SC35MANI | 8     | 2   | 0,85           |
| DN01.35NI00.83     | SC35MANI | 8     | 3   | 1,10           |

| CODE               | TYPE     | DIAM. | H   | STRENGTH<br>KG |
|--------------------|----------|-------|-----|----------------|
| DN01.35NI00.83.6   | SC35MANI | 8     | 3,6 | 1,20           |
| DN01.35NI00.84     | SC35MANI | 8     | 4   | 1,45           |
| DN01.35NI00.85     | SC35MANI | 8     | 5   | 1,60           |
| DN01.35NI00.86     | SC35MANI | 8     | 6   | 1,70           |
| DN01.35NI00.88     | SC35MANI | 8     | 8   | 1,90           |
| DN01.35NI00.810    | SC35MANI | 8     | 10  | 2,03           |
| DN01.35NI00.815    | SC35MANI | 8     | 15  | 2,17           |
| DN01.35NI00.820    | SC35MANI | 8     | 20  | 2,20           |
| DN01.35NI00.825    | SC35MANI | 8     | 25  | 2,27           |
| DN01.35NI00.840    | SC35MANI | 8     | 40  | 2,29           |
| DN01.35NI00.91     | SC35MANI | 9     | 1   | 0,48           |
| DN01.35NI00.91.5   | SC35MANI | 9     | 1,5 | 0,55           |
| DN01.35NI00.92     | SC35MANI | 9     | 2   | 0,95           |
| DN01.35NI00.92.5   | SC35MANI | 9     | 2,5 | 1,20           |
| DN01.35NI00.93     | SC35MANI | 9     | 3   | 1,50           |
| DN01.35NI00.94     | SC35MANI | 9     | 4   | 1,64           |
| DN01.35NI00.910    | SC35MANI | 9     | 10  | 2,20           |
| DN01.35NI00.9.51.5 | SC35MANI | 9,5   | 1,5 | 0,70           |
| DN01.35NI00.9.52   | SC35MANI | 9,5   | 2   | 1,10           |
| DN01.35NI00.9.52.5 | SC35MANI | 9,5   | 2,5 | 1,22           |
| DN01.35NI00.9.53   | SC35MANI | 9,5   | 3   | 1,42           |

# NEODYMIUM PERMANENT MAGNETS – DISCS

## DISCS 10-19 MM



They are obtained by sintering of Rare Earths. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces.

Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

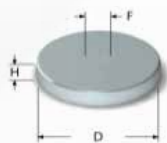
**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE              | TYPE     | DIAM. | H   | STRENGTH<br>KG |
|-------------------|----------|-------|-----|----------------|
| DN01.35NI00.100.5 | SC35MANI | 10    | 0,5 | 0,26           |
| DN01.35NI00.101   | SC35MANI | 10    | 1   | 0,40           |
| DN01.35NI00.101.5 | SC35MANI | 10    | 1,5 | 0,70           |
| DN01.35NI00.102   | SC35MANI | 10    | 2   | 1,10           |
| DN01.35NI00.103   | SC35MANI | 10    | 3   | 1,60           |
| DN01.35NI00.104   | SC35MANI | 10    | 4   | 1,90           |
| DN01.35NI00.105   | SC35MANI | 10    | 5   | 2,30           |
| DN01.35NI00.106   | SC35MANI | 10    | 6   | 2,40           |
| DN01.35NI00.107   | SC35MANI | 10    | 7   | 2,50           |
| DN01.35NI00.108   | SC35MANI | 10    | 8   | 2,90           |
| DN01.35NI00.1010  | SC35MANI | 10    | 10  | 3,00           |
| DN01.35NI00.1020  | SC35MANI | 10    | 20  | 3,40           |
| DN01.35NI00.1023  | SC35MANI | 10    | 23  | 3,50           |
| DN01.35NI00.1030  | SC35MANI | 10    | 30  | 3,55           |
| DN01.35NI00.1040  | SC35MANI | 10    | 40  | 3,60           |
| DN01.35NI00.1050  | SC35MANI | 10    | 50  | 3,61           |
| DN01.35NI00.10.53 | SC35MANI | 10,5  | 3   | 2,36           |
| DN01.35NI00.121   | SC35MANI | 12    | 1   | 0,65           |
| DN01.35NI00.121.5 | SC35MANI | 12    | 1,5 | 0,75           |
| DN01.35NI00.122   | SC35MANI | 12    | 2   | 1,25           |
| DN01.35NI00.123   | SC35MANI | 12    | 3   | 1,80           |
| DN01.35NI00.123.5 | SC35MANI | 12    | 3,5 | 2,16           |
| DN01.35NI00.124   | SC35MANI | 12    | 4   | 2,40           |
| DN01.35NI00.125   | SC35MANI | 12    | 5   | 3,20           |
| DN01.35NI00.128   | SC35MANI | 12    | 8   | 3,73           |
| DN01.35NI00.1210  | SC35MANI | 12    | 10  | 4,10           |
| DN01.35NI00.1215  | SC35MANI | 12    | 15  | 4,70           |
| DN01.35NI00.132   | SC35MANI | 13    | 2   | 1,40           |
| DN01.35NI00.133   | SC35MANI | 13    | 3   | 2,08           |
| DN01.35NI00.135   | SC35MANI | 13    | 5   | 3,15           |
| DN01.35NI00.136   | SC35MANI | 13    | 6   | 3,57           |

| CODE              | TYPE     | DIAM. | H   | STRENGTH<br>KG |
|-------------------|----------|-------|-----|----------------|
| DN01.35NI00.138   | SC35MANI | 13    | 8   | 4,22           |
| DN01.35NI00.1310  | SC35MANI | 13    | 10  | 4,70           |
| DN01.35NI00.141   | SC35MANI | 14    | 1   | 0,77           |
| DN01.35NI00.141.5 | SC35MANI | 14    | 1,5 | 1,16           |
| DN01.35NI00.142   | SC35MANI | 14    | 2   | 1,50           |
| DN01.35NI00.143   | SC35MANI | 14    | 3   | 2,30           |
| DN01.35NI00.144   | SC35MANI | 14    | 4   | 3,20           |
| DN01.35NI00.145   | SC35MANI | 14    | 5   | 3,50           |
| DN01.35NI00.151.5 | SC35MANI | 15    | 1,5 | 1,10           |
| DN01.35NI00.152   | SC35MANI | 15    | 2   | 1,60           |
| DN01.35NI00.152.5 | SC35MANI | 15    | 2,5 | 2,00           |
| DN01.35NI00.153   | SC35MANI | 15    | 3   | 2,50           |
| DN01.35NI00.153.5 | SC35MANI | 15    | 3,5 | 2,83           |
| DN01.35NI00.155   | SC35MANI | 15    | 5   | 3,60           |
| DN01.35NI00.156   | SC35MANI | 15    | 6   | 4,30           |
| DN01.35NI00.158   | SC35MANI | 15    | 8   | 5,20           |
| DN01.35NI00.1510  | SC35MANI | 15    | 10  | 6,50           |
| DN01.35NI00.161.5 | SC35MANI | 16    | 1,5 | 1,00           |
| DN01.35NI00.163   | SC35MANI | 16    | 3   | 2,70           |
| DN01.35NI00.163.5 | SC35MANI | 16    | 3,5 | 3,00           |
| DN01.35NI00.181.5 | SC35MANI | 18    | 1,5 | 1,20           |
| DN01.35NI00.182   | SC35MANI | 18    | 2   | 2,00           |
| DN01.35NI00.182.5 | SC35MANI | 18    | 2,5 | 2,54           |
| DN01.35NI00.182.7 | SC35MANI | 18    | 2,7 | 2,73           |
| DN01.35NI00.183   | SC35MANI | 18    | 3   | 3,00           |
| DN01.35NI00.184   | SC35MANI | 18    | 4   | 4,00           |
| DN01.35NI00.185   | SC35MANI | 18    | 5   | 4,60           |
| DN01.35NI00.186   | SC35MANI | 18    | 6   | 5,50           |
| DN01.35NI00.1820  | SC35MANI | 18    | 20  | 10,22          |
| DN01.35NI00.192.6 | SC35MANI | 19    | 2,6 | 2,77           |
| DN01.35NI00.198   | SC35MANI | 19    | 8   | 7,27           |

# NEODYMIUM PERMANENT MAGNETS – DISCS

## DISCS 20-150 MM



They are obtained by sintering of Rare Earths. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces.

Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

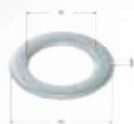
**All measurements are in millimeters. Other sizes and shapes on request.**



| CODE                | TYPE     | DIAM. | H   | STRENGTH<br>KG |
|---------------------|----------|-------|-----|----------------|
| DN01.35NI00.200.5   | SC35MANI | 20    | 0,5 | 0,20           |
| DN01.35NI00.201     | SC35MANI | 20    | 1   | 0,70           |
| DN01.35NI00.201.5   | SC35MANI | 20    | 1,5 | 1,69           |
| DN01.35NI00.202     | SC35MANI | 20    | 2   | 2,30           |
| DN01.35NI00.203     | SC35MANI | 20    | 3   | 4,50           |
| DN01.35NI00.204     | SC35MANI | 20    | 4   | 4,44           |
| DN01.35NI00.205     | SC35MANI | 20    | 5   | 5,40           |
| DN01.35NI00.206     | SC35MANI | 20    | 6   | 6,26           |
| DN01.35NI00.2010    | SC35MANI | 20    | 10  | 10,00          |
| DN01.35NI00.223     | SC35MANI | 22    | 3   | 3,73           |
| DN01.35NI00.225     | SC35MANI | 22    | 5   | 6,00           |
| DN01.35NI00.2210    | SC35MANI | 22    | 10  | 11,50          |
| DN01.35NI00.2220    | SC35MANI | 22    | 20  | 14,00          |
| DN01.35NI00.233     | SC35MANI | 23    | 3   | 4,50           |
| DN01.35NI00.236     | SC35MANI | 23    | 6   | 7,43           |
| DN01.35NI00.244     | SC35MANI | 24    | 4   | 5,42           |
| DN01.35NI00.2410    | SC35MANI | 24    | 10  | 11,58          |
| DN01.35NI00.2411    | SC35MANI | 24    | 11  | 12,35          |
| DN01.35NI00.24.53.5 | SC35MANI | 24,5  | 3,5 | 4,00           |
| DN01.35NI00.24.75   | SC35MANI | 24,7  | 5   | 6,90           |
| DN01.35NI00.251.5   | SC35MANI | 25    | 1,5 | 1,90           |
| DN01.35NI00.252     | SC35MANI | 25    | 2   | 2,60           |
| DN01.35NI00.253     | SC35MANI | 25    | 3   | 4,28           |
| DN01.35NI00.254     | SC35MANI | 25    | 4   | 5,70           |
| DN01.35NI00.255     | SC35MANI | 25    | 5   | 9,34           |
| DN01.35NI00.2510    | SC35MANI | 25    | 10  | 14,00          |
| DN01.35NI00.283     | SC35MANI | 28    | 3   | 4,86           |
| DN01.35NI00.288     | SC35MANI | 28    | 8   | 11,50          |
| DN01.35NI00.2810    | SC35MANI | 28    | 10  | 14,20          |
| DN01.35NI00.2820    | SC35MANI | 28    | 20  | 21,00          |

| CODE              | TYPE     | DIAM. | H   | STRENGTH<br>KG |
|-------------------|----------|-------|-----|----------------|
| DN01.35NI00.298.5 | SC35MANI | 29    | 8,5 | 13,00          |
| DN01.35NI00.301   | SC35MANI | 30    | 1   | 1,40           |
| DN01.35NI00.303   | SC35MANI | 30    | 3   | 5,50           |
| DN01.35NI00.304   | SC35MANI | 30    | 4   | 7,00           |
| DN01.35NI00.305   | SC35MANI | 30    | 5   | 13,00          |
| DN01.35NI00.3010  | SC35MANI | 30    | 10  | 16,00          |
| DN01.35NI00.3015  | SC35MANI | 30    | 15  | 20,50          |
| DN01.35NI00.3510  | SC35MANI | 35    | 10  | 18,50          |
| DN01.35NI00.401   | SC35MANI | 40    | 1   | 1,70           |
| DN01.35NI00.402   | SC35MANI | 40    | 2   | 4,60           |
| DN01.35NI00.403   | SC35MANI | 40    | 3   | 7,00           |
| DN01.35NI00.404   | SC35MANI | 40    | 4   | 9,60           |
| DN01.35NI00.405   | SC35MANI | 40    | 5   | 11,50          |
| DN01.35NI00.405   | SC35MANI | 40    | 10  | 22,01          |
| DN01.35NI00.503   | SC35MANI | 50    | 3   | 8,80           |
| DN01.35NI00.504   | SC35MANI | 50    | 4   | 11,80          |
| DN01.35NI00.505   | SC35MANI | 50    | 5   | 14,00          |
| DN01.35NI00.5010  | SC35MANI | 50    | 10  | 35,00          |
| DN01.35NI00.603   | SC35MANI | 60    | 3   | 10,60          |
| DN01.35NI00.605   | SC35MANI | 60    | 5   | 17,83          |
| DN01.35NI00.6010  | SC35MANI | 60    | 10  | 34,50          |
| DN01.35NI00.6030  | SC35MANI | 60    | 30  | 82,00          |
| DN01.35NI00.7020  | SC35MANI | 70    | 20  | 75,50          |
| DN01.35NI00.7050  | SC35MANI | 70    | 50  |                |
| DN01.35NI00.9010  | SC35MANI | 90    | 10  | 53,77          |
| DN01.35NI00.1005  | SC35MANI | 100   | 5   | 29,94          |
| DN01.35NI00.10010 | SC35MANI | 100   | 10  |                |
| DN01.35NI00.10025 | SC35MANI | 100   | 25  |                |
| DN01.35NI00.15030 | SC35MANI | 150   | 30  |                |

# NEODYMIUM PERMANENT MAGNETS – RINGS



They are obtained by sintering of Rare Earths. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces.

Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE                    | TYPE     | OD   | ID   | H   | STRENGTH<br>KG |
|-------------------------|----------|------|------|-----|----------------|
| RN01.35NI00.712         | SC35MANI | 7    | 1    | 2   | 0,92           |
| RN01.35NI00.7.541.5     | SC35MANI | 7,5  | 4    | 1,5 | 0,35           |
| RN01.35NI00.852         | SC35MANI | 8    | 5    | 2   | 1,08           |
| RN01.35NI00.9.561.5     | SC35MANI | 9,5  | 6    | 1,5 | 0,70           |
| RN01.35NI00.1051.5      | SC35MANI | 10   | 5    | 1,5 | 0,80           |
| RN01.35NI00.1052        | SC35MANI | 10   | 5    | 2   | 1,61           |
| RN01.35NI00.10.56.42.2  | SC35MANI | 10,5 | 6,4  | 2,2 | 1,75           |
| RN01.35NI00.1224        | SC35MANI | 12   | 2    | 4   | 2,20           |
| RN01.35NI00.1262        | SC35MANI | 12   | 6    | 2   | 1,60           |
| RN01.35NI00.1264        | SC35MANI | 12   | 6    | 4   | 2,40           |
| RN01.35NI00.1372.6      | SC35MANI | 13   | 7    | 2,6 | 1,70           |
| RN01.35NI00.1393        | SC35MANI | 13   | 9    | 3   | 1,50           |
| RN01.35NI00.1464        | SC35MANI | 14   | 6    | 4   | 2,20           |
| RN01.35NI00.14.410.63   | SC35MANI | 14,4 | 10,6 | 3   |                |
| RN01.35NI00.14.562      | SC35MANI | 14,5 | 6    | 2   |                |
| RN01.35NI00.15123.5     | SC35MANI | 15   | 12   | 3,5 |                |
| RN01.35NI00.1662        | SC35MANI | 16   | 6    | 2   | 1,80           |
| RN01.35NI00.16.512.51.5 | SC35MANI | 16,5 | 12,5 | 1,5 |                |
| RN01.35NI00.17.57.51.5  | SC35MANI | 17,5 | 7,5  | 1,5 |                |
| RN01.35NI00.17.5101.5   | SC35MANI | 17,5 | 10   | 1,5 | 1,40           |
| RN01.35NI00.17.5123     | SC35MANI | 17,5 | 12   | 3   |                |
| RN01.35NI00.1862        | SC35MANI | 18   | 6    | 2   | 2,30           |
| RN01.35NI00.1881        | SC35MANI | 18   | 8    | 1   |                |
| RN01.35NI00.1883        | SC35MANI | 18   | 8    | 3   |                |
| RN01.35NI00.1888        | SC35MANI | 18   | 8    | 8   |                |

| CODE                    | TYPE     | OD   | ID   | H   | STRENGTH<br>KG |
|-------------------------|----------|------|------|-----|----------------|
| RN01.35NI00.19141.5     | SC35MANI | 19   | 14   | 1,5 |                |
| RN01.35NI00.20810       | SC35MANI | 20   | 8    | 10  | 6,50           |
| RN01.35NI00.20820       | SC35MANI | 20   | 8    | 20  | 8,50           |
| RN01.35NI00.20102       | SC35MANI | 20   | 10   | 2   |                |
| RN01.35NI00.22.5131.5   | SC35MANI | 22,5 | 13   | 1,5 | 2,30           |
| RN01.35NI00.22.5151.5   | SC35MANI | 22,5 | 15   | 1,5 |                |
| RN01.35NI00.2382        | SC35MANI | 23   | 8    | 2   |                |
| RN01.35NI00.2383        | SC35MANI | 23   | 8    | 3   | 4              |
| RN01.35NI00.24.920.11.9 | SC35MANI | 24,9 | 20,1 | 1,9 |                |
| RN01.35NI00.2554        | SC35MANI | 25   | 5    | 4   | 6              |
| RN01.35NI00.29.5202     | SC35MANI | 29,5 | 20   | 2   |                |
| RN01.35NI00.29.522.53   | SC35MANI | 29,5 | 22,5 | 3   |                |
| RN01.35NI00.29.524.52   | SC35MANI | 29,5 | 24,5 | 2   | 4              |
| RN01.35NI00.30204       | SC35MANI | 30   | 20   | 4   | 6,50           |
| RN01.35NI00.30205       | SC35MANI | 30   | 20   | 5   |                |
| RN01.35NI00.302010      | SC35MANI | 30   | 20   | 10  |                |
| RN01.35NI00.3754        | SC35MANI | 37   | 5    | 4   |                |
| RN01.35NI00.371227      | SC35MANI | 37   | 12   | 27  | 40,83          |
| RN01.35NI00.37322       | SC35MANI | 37   | 32   | 2   | 5,3            |
| RN01.35NI00.40196       | SC35MANI | 40   | 19   | 6   | 19             |
| RN01.35NI00.48153       | SC35MANI | 48   | 15   | 3   | 7              |
| RN01.35NI00.70328       | SC35MANI | 70   | 32   | 8   | 43,10          |
| RN01.35NI00.906812      | SC35MANI | 90   | 68   | 12  |                |
| RN01.35NI00.1318618     | SC35MANI | 131  | 86   | 18  |                |

# NEODYMIUM PERMANENT MAGNETS – BLOCKS

## BLOCKS 2-18 MM



They are obtained by sintering of Rare Earths. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces.

Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE                 | TYPE     | A   | B   | H   | STRENGTH<br>KG |
|----------------------|----------|-----|-----|-----|----------------|
| BN01.35NI00.222      | SC35MANI | 2   | 2   | 2   | 0,11           |
| BN01.35NI00.332      | SC35MANI | 3   | 3   | 2   | 0,12           |
| BN01.35NI00.442      | SC35MANI | 4   | 4   | 2   | 0,34           |
| BN01.35NI00.551.5    | SC35MANI | 5   | 5   | 1,5 | 0,35           |
| BN01.35NI00.552      | SC35MANI | 5   | 5   | 2   | 0,46           |
| BN01.35NI00.556      | SC35MANI | 5   | 5   | 6   | 1,01           |
| BN01.35NI00.621      | SC35MANI | 6   | 2   | 1   | 0,13           |
| BN01.35NI00.821      | SC35MANI | 8   | 2   | 1   | 0,16           |
| BN01.35NI00.9.244    | SC35MANI | 9,2 | 4   | 4   | 1,15           |
| BN01.35NI00.934      | SC35MANI | 9   | 3   | 4   | 1,08           |
| BN01.35NI00.943      | SC35MANI | 9   | 4   | 3   | 0,90           |
| BN01.35NI00.1021     | SC35MANI | 10  | 2   | 1   | 0,19           |
| BN01.35NI00.1025     | SC35MANI | 10  | 2   | 5   | 0,73           |
| BN01.35NI00.1041.5   | SC35MANI | 10  | 4   | 1,5 | 0,50           |
| BN01.35NI00.104.51.5 | SC35MANI | 10  | 4,5 | 1,5 | 0,55           |
| BN01.35NI00.104.52   | SC35MANI | 10  | 4,5 | 2   | 0,70           |
| BN01.35NI00.1051.5   | SC35MANI | 10  | 5   | 1,5 | 0,60           |
| BN01.35NI00.1052     | SC35MANI | 10  | 5   | 2   | 0,75           |
| BN01.35NI00.1073     | SC35MANI | 10  | 7   | 3   | 1,40           |
| BN01.35NI00.10101    | SC35MANI | 10  | 10  | 1   | 0,47           |
| BN01.35NI00.10102    | SC35MANI | 10  | 10  | 2   | 1,20           |
| BN01.35NI00.10103    | SC35MANI | 10  | 10  | 3   | 1,80           |
| BN01.35NI00.10104    | SC35MANI | 10  | 10  | 4   | 1,90           |
| BN01.35NI00.10105    | SC35MANI | 10  | 10  | 5   | 2,10           |
| BN01.35NI00.10106    | SC35MANI | 10  | 10  | 6   | 2,40           |
| BN01.35NI00.101010   | SC35MANI | 10  | 10  | 10  | 4,00           |

| CODE                | TYPE     | A  | B   | H   | STRENGTH<br>KG |
|---------------------|----------|----|-----|-----|----------------|
| BN01.35NI00.101020  | SC35MANI | 10 | 10  | 20  | 4,40           |
| BN01.35NI00.1241.5  | SC35MANI | 12 | 4   | 1,5 | 0,60           |
| BN01.35NI00.1243    | SC35MANI | 12 | 4   | 3   | 1,14           |
| BN01.35NI00.1262    | SC35MANI | 12 | 6   | 2   | 1,10           |
| BN01.35NI00.1264    | SC35MANI | 12 | 6   | 4   | 1,95           |
| BN01.35NI00.1372    | SC35MANI | 13 | 7   | 2   | 1,40           |
| BN01.35NI00.1372.5  | SC35MANI | 13 | 7   | 2,5 | 1,40           |
| BN01.35NI00.1382    | SC35MANI | 13 | 8   | 2   | 1,21           |
| BN01.35NI00.1383    | SC35MANI | 13 | 8   | 3   | 1,50           |
| BN01.35NI00.1393    | SC35MANI | 13 | 9   | 3   | 1,90           |
| BN01.35NI00.1442    | SC35MANI | 14 | 4   | 2   | 0,85           |
| BN01.35NI00.152.52  | SC35MANI | 15 | 2,5 | 2   | 0,70           |
| BN01.35NI00.1542    | SC35MANI | 15 | 4   | 2   | 0,85           |
| BN01.35NI00.1551    | SC35MANI | 15 | 5   | 1   | 0,45           |
| BN01.35NI00.1552    | SC35MANI | 15 | 5   | 2   | 0,97           |
| BN01.35NI00.1572    | SC35MANI | 15 | 7   | 2   | 1,10           |
| BN01.35NI00.15102   | SC35MANI | 15 | 10  | 2   | 1,15           |
| BN01.35NI00.15104   | SC35MANI | 15 | 10  | 4   | 3,10           |
| BN01.35NI00.151010  | SC35MANI | 15 | 10  | 10  | 5,90           |
| BN01.35NI00.15123.5 | SC35MANI | 15 | 12  | 3,5 | 3,10           |
| BN01.35NI00.15148   | SC35MANI | 15 | 14  | 8   | 6,50           |
| BN01.35NI00.15152   | SC35MANI | 15 | 15  | 2   | 1,90           |
| BN01.35NI00.15155   | SC35MANI | 15 | 15  | 5   | 5,30           |
| BN01.35NI00.167.53  | SC35MANI | 16 | 7,5 | 3   | 2,16           |
| BN01.35NI00.1874    | SC35MANI | 18 | 7   | 4   | 2,50           |
| BN01.35NI00.18158   | SC35MANI | 18 | 15  | 8   | 7,80           |

# NEODYMIUM PERMANENT MAGNETS – BLOCKS

## BLOCKS 20-30 MM



They are obtained by sintering of Rare Earths. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces.

Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE                | TYPE     | A  | B  | H   | STRENGTH<br>KG |
|---------------------|----------|----|----|-----|----------------|
| BN01.35NI00.2041.5  | SC35MANI | 20 | 4  | 1,5 | 0,80           |
| BN01.35NI00.2042    | SC35MANI | 20 | 4  | 2   | 1,01           |
| BN01.35NI00.2051    | SC35MANI | 20 | 5  | 1   | 0,54           |
| BN01.35NI00.2051.5  | SC35MANI | 20 | 5  | 1,5 | 1,00           |
| BN01.35NI00.2052    | SC35MANI | 20 | 5  | 2   | 1,20           |
| BN01.35NI00.2055    | SC35MANI | 20 | 5  | 5   | 2,2            |
| BN01.35NI00.20100.5 | SC35MANI | 20 | 10 | 0,5 | 0,40           |
| BN01.35NI00.20101   | SC35MANI | 20 | 10 | 1   | 0,90           |
| BN01.35NI00.20102   | SC35MANI | 20 | 10 | 2   | 1,95           |
| BN01.35NI00.20103   | SC35MANI | 20 | 10 | 3   | 3,30           |
| BN01.35NI00.20104   | SC35MANI | 20 | 10 | 4   | 4,00           |
| BN01.35NI00.20105   | SC35MANI | 20 | 10 | 5   | 4,90           |
| BN01.35NI00.20107   | SC35MANI | 20 | 10 | 7   | 6,15           |
| BN01.35NI00.201010  | SC35MANI | 20 | 10 | 10  | 7,60           |
| BN01.35NI00.201015  | SC35MANI | 20 | 10 | 15  | 8,60           |
| BN01.35NI00.201018  | SC35MANI | 20 | 10 | 18  | 9,39           |
| BN01.35NI00.20124   | SC35MANI | 20 | 12 | 4   | 4,20           |
| BN01.35NI00.20132   | SC35MANI | 20 | 13 | 2   | 2,16           |
| BN01.35NI00.20135   | SC35MANI | 20 | 13 | 5   | 5,75           |
| BN01.35NI00.20151   | SC35MANI | 20 | 15 | 1   | 1,00           |
| BN01.35NI00.20152   | SC35MANI | 20 | 15 | 2   | 2,31           |
| BN01.35NI00.20153   | SC35MANI | 20 | 15 | 3   | 3,50           |
| BN01.35NI00.20171   | SC35MANI | 20 | 17 | 1   | 1,06           |
| BN01.35NI00.20188   | SC35MANI | 20 | 18 | 8   | 7,00           |
| BN01.35NI00.20203   | SC35MANI | 20 | 20 | 3   | 4,02           |
| BN01.35NI00.20205   | SC35MANI | 20 | 20 | 5   | 7,71           |

| CODE                | TYPE     | A  | B  | H   | STRENGTH<br>KG |
|---------------------|----------|----|----|-----|----------------|
| BN01.35NI00.202010  | SC35MANI | 20 | 20 | 10  | 12,55          |
| BN01.35NI00.2544    | SC35MANI | 25 | 4  | 4   | 2,50           |
| BN01.35NI00.2582    | SC35MANI | 25 | 8  | 2   | 1,82           |
| BN01.35NI00.25102   | SC35MANI | 25 | 10 | 2   | 2,40           |
| BN01.35NI00.25103   | SC35MANI | 25 | 10 | 3   | 3,30           |
| BN01.35NI00.25123   | SC35MANI | 25 | 12 | 3   | 3,54           |
| BN01.35NI00.25135   | SC35MANI | 25 | 13 | 5   | 6,67           |
| BN01.35NI00.25152   | SC35MANI | 25 | 15 | 2   | 2,48           |
| BN01.35NI00.25152   | SC35MANI | 25 | 15 | 3   | 3,90           |
| BN01.35NI00.25183.6 | SC35MANI | 25 | 18 | 3,6 | 5,45           |
| BN01.35NI00.28203   | SC35MANI | 28 | 20 | 3   | 4,70           |
| BN01.35NI00.3052    | SC35MANI | 30 | 5  | 2   | 1,54           |
| BN01.35NI00.3074    | SC35MANI | 30 | 7  | 4   | 4,50           |
| BN01.35NI00.30101.5 | SC35MANI | 30 | 10 | 1,5 | 1,77           |
| BN01.35NI00.30102   | SC35MANI | 30 | 10 | 2   | 2,70           |
| BN01.35NI00.30104   | SC35MANI | 30 | 10 | 4   | 5,50           |
| BN01.35NI00.30104.5 | SC35MANI | 30 | 10 | 4,5 | 5,70           |
| BN01.35NI00.30105   | SC35MANI | 30 | 10 | 5   | 6,35           |
| BN01.35NI00.30106   | SC35MANI | 30 | 10 | 6   | 7,00           |
| BN01.35NI00.30152   | SC35MANI | 30 | 15 | 2   | 2,87           |
| BN01.35NI00.30153   | SC35MANI | 30 | 15 | 3   | 4,40           |
| BN01.35NI00.30155   | SC35MANI | 30 | 15 | 5   | 8,16           |
| BN01.35NI00.30205   | SC35MANI | 30 | 20 | 5   | 10             |
| BN01.35NI00.302010  | SC35MANI | 30 | 20 | 10  | 16,20          |
| BN01.35NI00.30305   | SC35MANI | 30 | 30 | 5   | 10,65          |



# NEODYMIUM PERMANENT MAGNETS – BLOCKS

## BLOCKS 35-100 MM



They are obtained by sintering of Rare Earths. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces.

Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

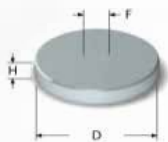
**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE                | TYPE     | A  | B  | H   | STRENGTH<br>KG |
|---------------------|----------|----|----|-----|----------------|
| BN01.35NI00.35105   | SC35MANI | 35 | 10 | 5   | 6,50           |
| BN01.35NI00.35132   | SC35MANI | 35 | 13 | 2   | 2,89           |
| BN01.35NI00.35144   | SC35MANI | 35 | 14 | 4   | 6,59           |
| BN01.35NI00.35147   | SC35MANI | 35 | 14 | 7   | 11,90          |
| BN01.35NI00.35148   | SC35MANI | 35 | 14 | 8   | 12,08          |
| BN01.35NI00.351410  | SC35MANI | 35 | 14 | 10  | 14,00          |
| BN01.35NI00.35152   | SC35MANI | 35 | 15 | 2   | 3,18           |
| BN01.35NI00.35205   | SC35MANI | 35 | 20 | 5   | 9,84           |
| BN01.35NI00.3754    | SC35MANI | 37 | 5  | 4   | 3,82           |
| BN01.35NI00.4051    | SC35MANI | 40 | 5  | 1   | 0,82           |
| BN01.35NI00.4052    | SC35MANI | 40 | 5  | 2   | 2,00           |
| BN01.35NI00.4055    | SC35MANI | 40 | 5  | 5   | 4,90           |
| BN01.35NI00.40100.5 | SC35MANI | 40 | 10 | 0,5 | 0,95           |
| BN01.35NI00.40102   | SC35MANI | 40 | 10 | 2   | 2,58           |
| BN01.35NI00.40103   | SC35MANI | 40 | 10 | 3   | 4,03           |
| BN01.35NI00.40105   | SC35MANI | 40 | 10 | 5   | 7,72           |
| BN01.35NI00.40152   | SC35MANI | 40 | 15 | 2   | 3,28           |
| BN01.35NI00.40155   | SC35MANI | 40 | 15 | 5   | 9,25           |
| BN01.35NI00.401510  | SC35MANI | 40 | 15 | 10  | 16,23          |
| BN01.35NI00.401810  | SC35MANI | 40 | 18 | 10  | 18,04          |
| BN01.35NI00.40205   | SC35MANI | 40 | 20 | 5   | 10,23          |
| BN01.35NI00.402010  | SC35MANI | 40 | 20 | 10  | 22,00          |
| BN01.35NI00.40222   | SC35MANI | 40 | 22 | 2   | 3,60           |
| BN01.35NI00.4563    | SC35MANI | 45 | 6  | 3   | 3,66           |
| BN01.35NI00.45155   | SC35MANI | 45 | 15 | 5   | 9,74           |
| BN01.35NI00.5053    | SC35MANI | 50 | 5  | 3   | 4,50           |
| BN01.35NI00.50102   | SC35MANI | 50 | 10 | 2   | 3,13           |
| BN01.35NI00.50103   | SC35MANI | 50 | 10 | 3   | 4,50           |
| BN01.35NI00.50105   | SC35MANI | 50 | 10 | 5   | 11             |
| BN01.35NI00.50145   | SC35MANI | 50 | 14 | 5   | 9,85           |
| BN01.35NI00.50205   | SC35MANI | 50 | 20 | 5   | 11,00          |
| BN01.35NI00.502010  | SC35MANI | 50 | 20 | 10  | 22,00          |
| BN01.35NI00.50255   | SC35MANI | 50 | 25 | 5   | 12,00          |

| CODE                 | TYPE     | A   | B   | H  | STRENGTH<br>KG |
|----------------------|----------|-----|-----|----|----------------|
| BN01.35NI00.502525   | SC35MANI | 50  | 25  | 25 | 50,00          |
| BN01.35NI00.505020   | SC35MANI | 50  | 50  | 20 | 73,00          |
| BN01.35NI00.505025   | SC35MANI | 50  | 50  | 25 | 93,00          |
| BN01.35NI00.55142    | SC35MANI | 55  | 14  | 2  | 3,43           |
| BN01.35NI00.55222    | SC35MANI | 55  | 22  | 2  | 3,80           |
| BN01.35NI00.60105    | SC35MANI | 60  | 10  | 5  | 9,35           |
| BN01.35NI00.60205    | SC35MANI | 60  | 20  | 5  | 12,00          |
| BN01.35NI00.602010   | SC35MANI | 60  | 20  | 10 | 23,40          |
| BN01.35NI00.60305    | SC35MANI | 60  | 30  | 5  | 14,00          |
| BN01.35NI00.7063     | SC35MANI | 70  | 6   | 3  | 4,41           |
| BN01.35NI00.707020   | SC35MANI | 70  | 70  | 20 | 122,24         |
| BN01.35NI00.707030   | SC35MANI | 70  | 70  | 30 | 173,00         |
| BN01.35NI00.707040   | SC35MANI | 70  | 70  | 40 | 203,00         |
| BN01.35NI00.8063     | SC35MANI | 80  | 6   | 3  | 9,00           |
| BN01.35NI00.8065     | SC35MANI | 80  | 6   | 5  | 9,00           |
| BN01.35NI00.8073     | SC35MANI | 80  | 7   | 3  | 5,00           |
| BN01.35NI00.80202    | SC35MANI | 80  | 20  | 2  | 4,08           |
| BN01.35NI00.802010   | SC35MANI | 80  | 20  | 10 | 30,00          |
| BN01.35NI00.802020   | SC35MANI | 80  | 20  | 20 | 50,80          |
| BN01.35NI00.80603    | SC35MANI | 80  | 60  | 3  | 14,13          |
| BN01.35NI00.90143    | SC35MANI | 90  | 14  | 3  | 7,40           |
| BN01.35NI00.10053    | SC35MANI | 100 | 5   | 3  | 5,00           |
| BN01.35NI00.100102   | SC35MANI | 100 | 10  | 2  | 3,65           |
| BN01.35NI00.100105   | SC35MANI | 100 | 10  | 5  | 11,00          |
| BN01.35NI00.1001020  | SC35MANI | 100 | 10  | 20 | 35,40          |
| BN01.35NI00.1002020  | SC35MANI | 100 | 20  | 20 | 61,00          |
| BN01.35NI00.1005010  | SC35MANI | 100 | 50  | 10 | 44,80          |
| BN01.35NI00.1005020  | SC35MANI | 100 | 50  | 20 | 125,00         |
| BN01.35NI00.1006020  | SC35MANI | 100 | 60  | 20 | 140,70         |
| BN01.35NI00.1008020  | SC35MANI | 100 | 80  | 20 | 167,37         |
| BN01.35NI00.10010025 | SC35MANI | 100 | 100 | 25 | 220,17         |
| BN01.35NI00.10010030 | SC35MANI | 100 | 100 | 30 | 240,00         |

# NEODYMIUM PERMANENT MAGNETS

## BLACK EPOXY DISCS



They are obtained by sintering of Rare Earths. We have developed a black epoxy version to give greater elegance and versatility. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces. Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE              | TYPE     | DIAM. | H   | STRENGTH<br>KG |
|-------------------|----------|-------|-----|----------------|
| DN01.35BE00.33    | SC35MANI | 3     | 3   | 0.25           |
| DN01.35BE00.52    | SC35MANI | 5     | 2   | 0.45           |
| DN01.35BE00.510   | SC35MANI | 5     | 10  | 0.84           |
| DN01.35BE00.65    | SC35MANI | 6     | 5   | 1.00           |
| DN01.35BE00.81.5  | SC35MANI | 8     | 1.5 | 0.64           |
| DN01.35BE00.86    | SC35MANI | 8     | 6   | 1.70           |
| DN01.35BE00.92    | SC35MANI | 9     | 2   | 0.95           |
| DN01.35BE00.101.5 | SC35MANI | 10    | 1.5 | 0.70           |
| DN01.35BE00.1010  | SC35MANI | 10    | 10  | 3.00           |
| DN01.35BE00.122   | SC35MANI | 12    | 2   | 1.25           |
| DN01.35BE00.145   | SC35MANI | 14    | 5   | 3.50           |
| DN01.35BE00.151.5 | SC35MANI | 15    | 1.5 | 1.10           |
| DN01.35BE00.153   | SC35MANI | 15    | 3   | 2.50           |
| DN01.35BE00.203   | SC35MANI | 20    | 3   | 4.50           |

# NEODYMIUM PERMANENT MAGNETS

## BLACK EPOXY BLOCKS



They are obtained by sintering of Rare Earths. We have developed a black epoxy version to give greater elegance and versatility. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces. Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE              | TYPE     | A  | B  | H | STRENGTH<br>KG |
|-------------------|----------|----|----|---|----------------|
| BN01.35BE00.1052  | SC35MANI | 10 | 5  | 2 | 0.75           |
| BN01.35BE00.10102 | SC35MANI | 10 | 10 | 2 | 1.20           |
| BN01.35BE00.2052  | SC35MANI | 20 | 5  | 2 | 1.20           |
| BN01.35BE00.20102 | SC35MANI | 20 | 10 | 2 | 1.95           |
| BN01.35BE00.20105 | SC35MANI | 20 | 10 | 5 | 4.90           |
| BN01.35BE00.20153 | SC35MANI | 20 | 15 | 3 |                |
| BN01.35BE00.25102 | SC35MANI | 25 | 10 | 2 | 2.40           |
| BN01.35BE00.30102 | SC35MANI | 30 | 10 | 2 | 2.70           |
| BN01.35BE00.40105 | SC35MANI | 40 | 10 | 5 | 7.72           |

# NEODYMIUM PERMANENT MAGNETS

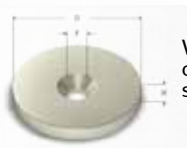
## COUNTERSUNK HOLE



The neodymium COUNTERSUNK HOLE magnets can be fastened with a countersunk head screw.  
Max working temperature 80 °C / Also available SH type 150 °C.

**All measurements are in millimeters. Other sizes and shapes on request.**

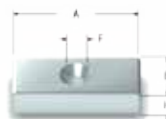
## COUNTERSUNK HOLE DISCS



We can provide the item with north or south pole on the countersunk side at customer's request.

| CODE              | D  | H  | F   | STRENGTH<br>KG |
|-------------------|----|----|-----|----------------|
| NS01.35NI00.1023  | 10 | 2  | 3,2 | 0,6            |
| NS01.35NI00.1033  | 10 | 3  | 3,2 | 0,9            |
| NS01.35NI00.1043  | 10 | 4  | 3,2 | 1,9            |
| NS01.35NI00.1223  | 12 | 2  | 3,2 | 1,1            |
| NS01.35NI00.1233  | 12 | 3  | 3,2 | 1,6            |
| NS01.35NI00.1523  | 15 | 2  | 3,2 | 1,7            |
| NS01.35NI00.1533  | 15 | 3  | 3,2 | 2,7            |
| NS01.35NI00.1553  | 15 | 5  | 3,2 | 4,2            |
| NS01.35NI00.15103 | 15 | 10 | 3,2 | 5,5            |
| NS01.35NI00.1823  | 18 | 2  | 3,2 | 1,6            |
| NS01.35NI00.1833  | 18 | 3  | 3,2 | 3,5            |
| NS01.35NI00.1854  | 18 | 5  | 4,2 | 4,3            |
| NS01.35NI00.2013  | 20 | 10 | 5,5 | 9,8            |
| NS01.35NI00.2023  | 20 | 2  | 3,2 | 2,3            |
| NS01.35NI00.2033  | 20 | 3  | 3,2 | 4              |
| NS01.35NI00.2034  | 20 | 3  | 4,2 | 4              |
| NS01.35NI00.2054  | 20 | 5  | 4,2 | 6              |
| NS01.35NI00.2055  | 20 | 5  | 5,2 | 6              |
| NS01.35NI00.2534  | 25 | 3  | 4,2 | 5              |
| NS01.35NI00.2515  | 25 | 10 | 5,2 | 12             |
| NS01.35NI00.3034  | 30 | 3  | 4,2 | 6              |
| NS01.35NI00.3035  | 30 | 3  | 5,2 | 6              |
| NS01.35NI00.3056  | 30 | 5  | 6,2 | 13             |
| NS01.35NI00.4035  | 40 | 3  | 5,2 | 8              |
| NS01.35NI00.4046  | 40 | 4  | 6,5 | 10             |
| NS01.35NI00.4056  | 40 | 5  | 6,5 | 17             |
| NS01.35NI00.5010  | 50 | 10 | 5,5 | 30             |
| NS01.35NI00.5020  | 50 | 20 | 5,5 | 65             |

## COUNTERSUNK HOLE BLOCKS



### AXIAL MAGNETIZATION

We can provide the item with north or south pole on the countersunk side at customer's request.

| CODE              | A  | B  | H  | F   | STRENGTH<br>KG |
|-------------------|----|----|----|-----|----------------|
| NQ01.35NI00.1053  | 10 | 5  | 3  | 3   | 0,8            |
| NQ01.35NI00.1553  | 15 | 5  | 3  | 3   | 1,3            |
| NQ01.35NI00.1573  | 15 | 7  | 3  | 3,2 |                |
| NQ01.35NI00.2013  | 20 | 10 | 3  | 3,2 | 3,3            |
| NQ01.35NI00.20135 | 20 | 13 | 3  | 5,2 | 3,3            |
| NQ01.35NI00.2015  | 20 | 15 | 10 | 3   | 9,5            |
| NQ01.35NI00.3015  | 30 | 10 | 5  | 5   | 5,6            |
| NQ01.35NI00.30135 | 30 | 13 | 5  | 5   | 6,0            |
| NQ01.35NI00.3025  | 30 | 20 | 5  | 5   | 9,5            |
| NQ01.35NI00.4015  | 40 | 10 | 5  | 5   | 8,0            |
| NQ01.35NI00.40135 | 40 | 13 | 5  | 5   | 10,2           |



### LATERAL MAGNETIZATION

| CODE             | A  | B  | H | F | STRENGTH<br>KG |
|------------------|----|----|---|---|----------------|
| NQ02.35NI00.1010 | 10 | 10 | 3 | 3 | 0,8            |
| NQ02.35NI00.1515 | 15 | 15 | 5 | 5 | 2,4            |
| NQ02.35NI00.2025 | 20 | 20 | 5 | 5 | 3,5            |

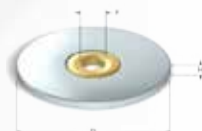
The attraction is developed on the thinner sides.  
It could be fixed directly on the furniture with a threaded screw, closing the doors perfectly.

# NEODYMIUM PERMANENT MAGNETS

## THREADED THROUGH HOLE



ITALFIT magneti



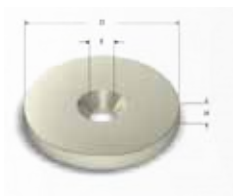
They are obtained by sintering of Rare Earths. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces.

Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE             | D  | H  | F  | STRENGTH<br>KG |
|------------------|----|----|----|----------------|
| SN02.35NI00.20M3 | 20 | 3  | M3 | 4              |
| SN02.35NI00.21M5 | 21 | 8  | M5 |                |
| SN02.35NI00.22M4 | 22 | 3  | M4 | 5,7            |
| SN02.35NI00.30M5 | 30 | 5  | M5 |                |
| SN02.35NI00.48M5 | 48 | 10 | M5 |                |

## DOUBLE COUNTERSUNK DISC



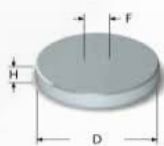
DOUBLE COUNTERSUNK disc allows an easier fastening. The countersunk hole has been made on both side.

**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE              | TYPE     | A  | B | H   | STRENGTH<br>KG |
|-------------------|----------|----|---|-----|----------------|
| DS01.35NI00.15532 | SC35MANI | 15 | 5 | 3,2 | 4,60           |
| DS01.35NI00.20532 | SC35MANI | 20 | 5 | 3,2 | 6,00           |
| DS01.35NI00.25542 | SC35MANI | 25 | 5 | 4,2 | 8,50           |
| DS01.35NI00.30542 | SC35MANI | 30 | 5 | 4,2 | 13,00          |

## NEODYMIUM PERMANENT MAGNETS

### DISCS WITH ADHESIVE



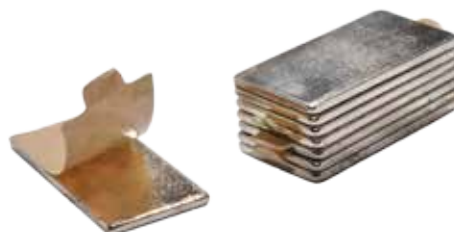
They are obtained by sintering of Rare Earths. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces. Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE                 | TYPE     | DIAM. | H    | STRENGTH<br>KG |
|----------------------|----------|-------|------|----------------|
| DN01.35NI00.101AD    | SC35MANI | 10    | 1    | 0,40           |
| DN01.35NI00.102AD    | SC35MANI | 10    | 2    | 1,10           |
| DN01.35NI00.120.75AD | SC35MANI | 12    | 0,75 | 0,55           |
| DN01.35NI00.140.5AD  | SC35MANI | 14    | 0,5  | 0,45           |
| DN01.35NI00.151AD    | SC35MANI | 15    | 1    | 0,76           |
| DN01.35NI00.151.5AD  | SC35MANI | 15    | 1,5  | 1,10           |
| DN01.35NI00.152AD    | SC35MANI | 15    | 2    | 1,50           |
| DN01.35NI00.153AD    | SC35MANI | 15    | 3    | 2,70           |
| DN01.35NI00.161AD    | SC35MANI | 16    | 1    | 0,86           |
| DN01.35NI00.201AD    | SC35MANI | 20    | 1    | 1,03           |
| DN01.35NI00.201.5AD  | SC35MANI | 20    | 1,5  | 1,80           |

## NEODYMIUM PERMANENT MAGNETS

### BLOCKS WITH ADHESIVE



They are obtained by sintering of Rare Earths. This kind of magnets reaches the highest values of magnetic attraction; for this reason, they are recommended where is required a great power in small spaces. Another advantage is the maintenance of the magnetic charge, higher than in other types. It's recommended to respect the max operating temperatures indicated in Physical Magnet Data Sheet.

**All measurements are in millimeters. Other sizes and shapes on request.**

| CODE                  | TYPE     | A  | B  | H   | STRENGTH<br>KG |
|-----------------------|----------|----|----|-----|----------------|
| BN01.35NI00.1051AD    | SC35MANI | 10 | 5  | 1   | 0,40           |
| BN01.35NI00.1051.5AD  | SC35MANI | 10 | 5  | 1,5 | 0,59           |
| BN01.35NI00.10101.5AD | SC35MANI | 10 | 10 | 1,5 | 0,94           |
| BN01.35NI00.1551AD    | SC35MANI | 15 | 5  | 1   | 0,46           |
| BN01.35NI00.2051AD    | SC35MANI | 20 | 5  | 1   | 0,55           |
| BN01.35NI00.2052AD    | SC35MANI | 20 | 5  | 2   | 1,18           |
| BN01.35NI00.20101AD   | SC35MANI | 20 | 10 | 1   | 0,90           |
| BN01.35NI00.20102AD   | SC35MANI | 20 | 10 | 2   | 1,90           |

## NEODYMIUM PERMANENT MAGNETS

### RUBBER NON-SLIP DISCS



Rubber magnets are the ideal product in case of risk of scratches or marks on the surfaces to which they adhere. The special rubber disk allows a better seal on smooth surfaces, to avoid slipping.

During use it's recommended to respect the maximum operating temperatures indicated in the Material data sheet.

**All measurements are in millimeters. Other sizes and shapes on request.**



| CODICE                 | TIPO     | D    | H   | FORZA KG |
|------------------------|----------|------|-----|----------|
| DN01.35NI00.192.6GOM   | SC35MANI | 19   | 2,6 | 0,70     |
| DN01.35NI00.198GOM     | SC35MANI | 19   | 8   | 7,50     |
| DN01.35NI00.233GOM     | SC35MANI | 23   | 3   | 3,80     |
| DN01.35NI00.236GOM     | SC35MANI | 23   | 6   | 7,56     |
| DN01.35NI00.24.53.5GOM | SC35MANI | 24,5 | 3,5 | 4,70     |
| DN01.35NI00.244GOM     | SC35MANI | 24   | 4   | 5,30     |

# FERRITE PERMANENT MAGNET



Ferrite magnets are made up of iron oxides, barium and strontium. They are available in different shapes (rectangular, cylindrical, sectors, rings) in standard and optional sizes .

They are also used for the production of speakers, DC motors, phones, computers, generators, control equipment, floors, toys and promotional items.

**All measurements are in millimeters. Other sizes and shapes by request.**

## DISCS



| CODE             | D  | H  | STRENGTH KG |
|------------------|----|----|-------------|
| DF01.300000.104  | 10 | 4  | 0,2         |
| DF01.300000.107  | 10 | 7  | 0,22        |
| DF01.300000.123  | 12 | 3  |             |
| DF01.300000.1515 | 15 | 15 |             |
| DF01.300000.163  | 16 | 3  | 0,25        |
| DF01.300000.165  | 16 | 5  | 0,47        |
| DF01.300000.202  | 20 | 2  | 0,30        |
| DF01.300000.203  | 20 | 3  | 0,27        |
| DF01.300000.205  | 20 | 5  | 0,50        |
| DF01.300000.2010 | 20 | 10 | 1,0         |
| DF01.300000.253  | 25 | 3  | 0,45        |
| DF01.300000.255  | 25 | 5  |             |
| DF01.300000.2510 | 25 | 10 |             |
| DF01.300000.303  | 30 | 3  |             |
| DF01.300000.304  | 30 | 4  | 0,46        |
| DF01.300000.387  | 38 | 7  |             |
| DF01.300000.457  | 45 | 7  |             |
| DF01.300000.6010 | 60 | 10 |             |



## BLOCKS

| CODE                    | A    | B    | H   | STRENGTH KG |
|-------------------------|------|------|-----|-------------|
| BF03.300000.19.612.56.9 | 19.6 | 12.5 | 6.9 |             |
| BF03.300000.402010      | 40   | 20   | 10  | 2,0         |
| BF03.300000.44281       | 44   | 28   | 10  |             |
| BF03.300000.45227.5     | 45   | 22   | 7,5 |             |
| BF03.300000.50204       | 50   | 20   | 4   |             |
| BF03.300000.50205       | 50   | 20   | 5   | 1,1         |
| BF03.300000.751611      | 75   | 16   | 11  |             |
| BF03.300000.903420      | 90   | 34   | 20  |             |

## RINGS



| CODE                 | OD   | ID  | H   | STRENGTH KG |
|----------------------|------|-----|-----|-------------|
| RF02.300000.13.5.52  | 13,5 | 5,5 | 2   |             |
| RF01.300000.17.57.23 | 17,5 | 7,2 | 3   | 0,25        |
| RF01.300000.20105    | 20   | 10  | 5   |             |
| RF01.300000.32186    | 32   | 18  | 6   |             |
| RF01.300000.36186    | 36   | 18  | 6   |             |
| RF02.300000.36188    | 36   | 18  | 8   |             |
| RF01.300000.45227.5  | 45   | 22  | 7,5 |             |
| RF01.300000.45229    | 45   | 22  | 9   |             |
| RF01.300000.51249    | 51   | 24  | 9   |             |
| RF01.300000.60248    | 60   | 24  | 8   |             |
| RF01.300000.602413   | 60   | 24  | 13  | 5,0         |
| RF01.300000.603210   | 60   | 32  | 10  |             |
| RF01.300000.723210   | 72   | 32  | 10  |             |
| RF01.300000.723215   | 72   | 32  | 15  |             |
| RF01.300000.804015   | 80   | 40  | 15  |             |
| RF01.300000.863211   | 86   | 32  | 11  |             |
| RF01.300000.863215   | 86   | 32  | 15  |             |
| RF01.300000.1006020  | 100  | 60  | 20  |             |
| RF01.300000.1025114  | 102  | 51  | 14  |             |
| RF02.300000.1206020  | 120  | 60  | 20  |             |
| RF01.300000.1345714  | 134  | 57  | 14  |             |
| RF01.300000.1345720  | 134  | 57  | 20  |             |
| RF01.300000.1557619  | 155  | 76  | 19  |             |
| RF01.300000.1809520  | 180  | 95  | 20  |             |

## TECHNICAL FEATURES

| TIPO   | Br-G      | BHC-Oe    | BH Max-MGOe |
|--------|-----------|-----------|-------------|
| GP-100 | 2000-2200 | 1600-1800 | 0.8-1       |
| GP 200 | 3700-4100 | 1700-2100 | 3-3.5       |
| GP 300 | 3400-3700 | 2700-3200 | 2.6-3.2     |
| GP 400 | 3900-4100 | 1800-2200 | 3.6-4.1     |
| GP 500 | 3800-4200 | 2800-3300 | 3.2-3.8     |



## SAMARIUM COBALT



SAMARIUM COBALT magnets are made of a compound of sintered rare earth elements. SAMARIUM COBALT magnets have an excellent corrosion resistance. They are generally supplied without surface treatment.

We can also realize the magnet with a nickel coating (By request).

The main feature of SAMARIUM COBALT magnets is the magnetic resistance to temperature, up to 350°

| TYPE   | Br-kG      | bHc | BH max | T max |
|--------|------------|-----|--------|-------|
| SCM16  | 7,5 -8,8   | 597 | 16     | 250   |
| SCM18  | 8 - 9,3    | 637 | 18     | 250   |
| SCM20  | 8,5 - 9,8  | 637 | 20     | 250   |
| SCM18T | 9 - 10,3   | 637 | 18     | 250   |
| SCM22A | 9 - 10,3   | 653 | 22     | 250   |
| SCM22B | 9 - 10,3   | 653 | 22     | 300   |
| SCM24  | 9,5 - 10,8 | 676 | 24     | 250   |
| SCM26A | 10 - 11,3  | 716 | 26     | 250   |
| SCM26B | 10 - 11,3  | 716 | 26     | 300   |
| SCM27  | 10 - 11,3  | 357 | 27     | 250   |
| SCM30  | 11 - 12    | 438 | 30     | 250   |

## ALNICO



Alnico magnets are made of Iron, Aluminium, Nickel, Cobalt and other elements in less concentration. They are obtained by melting. They could be used at high temperatures, thanks to their high resistance.

**Available in different sizes and shapes.**

| TYPE        | Br - kG     | bHc         | BH max    | g/cm <sup>3</sup> | T max |
|-------------|-------------|-------------|-----------|-------------------|-------|
| ALNICO 5    | 12,5        | 600 - 660   | 4,8 - 5,5 | 7,3               | 650   |
| ALNICO 5 DG | 12,8 - 13,5 | 650 - 720   | 5,3 - 6,3 | 7,3               | 650   |
| ALNICO 8    | 8,5 - 9,5   | 1500 - 1700 | 5,5 - 6,5 | 7,3               | 650   |
| ALNICO 8 H  | 7,5 - 8,3   | 1700 - 1900 | 5,5 - 6,5 | 7,3               | 650   |
| ALNICO 9    | 10 - 11     | 1350 - 1500 | 9 - 11    | 7,3               | 650   |

# NEODYMIUM MAGNETIC SYSTEM THREADED HOLE MAGNET



ITALFIT magneti

SUPERCALAMITA Magnetic Systems offer the highest attraction, in small sizes and weights.

Max working temperature 80 °C / Also available SH Type 150 °C.

**All the measurements are in millimeters. Other sizes and shapes on request.**

## SM05



| CODE                | D  | H   | F  | STRENGTH<br>KG |
|---------------------|----|-----|----|----------------|
| SM05.35NI00.663.M3  | 6  | 6   | M3 | 0,8            |
| SM05.35NI00.853.M3  | 8  | 5   | M3 | 1,2            |
| SM05.35NI00.1284.M4 | 12 | 8   | M4 | 3              |
| SM05.35NI00.1985.M5 | 19 | 8   | M5 | 8              |
| SM05.35NI00.2585.M5 | 25 | 8   | M5 | 24             |
| SM05.35NI00.2766.M6 | 27 | 6,5 | M6 | 30             |
| SM05.35NI00.2810.M6 | 28 | 10  | M6 | 35             |
| SM05.35NI00.2820.M6 | 28 | 20  | M6 | 40             |
| SM05.35NI00.3810.M6 | 38 | 10  | M6 | 50             |

## SM07



| CODE                | D  | H  | F      | STRENGTH<br>KG |
|---------------------|----|----|--------|----------------|
| SM07.35NI00.6203.M3 | 6  | 20 | M3X9   | 1              |
| SM07.35NI00.8203.M3 | 8  | 20 | M3X9   | 1,5            |
| SM07.35NI00.1020.M4 | 10 | 20 | M4X7   | 3              |
| SM07.35NI00.1320.M5 | 13 | 20 | M5X7,5 | 5,5            |
| SM07.35NI00.1620.M6 | 16 | 20 | M6X4   | 11             |
| SM07.35NI00.2225.M6 | 22 | 25 | M6     | 23             |
| SM07.35NI00.2535.M6 | 25 | 35 | M6X16  | 35             |

## SM22



| CODE             | D  | H  | F      | STRENGTH<br>KG |
|------------------|----|----|--------|----------------|
| SM22.35NI00.1985 | 19 | 8  | M5x4,5 | 6              |
| SM22.35NI00.2010 | 20 | 10 | M3x5,5 | 8              |
| SM22.35NI00.3010 | 30 | 10 | M6x7   | 13             |
| SM22.35NI00.3816 | 38 | 10 | M6x5   | 34             |
| SM22.35NI00.5020 | 50 | 20 | M8x8   | 85             |

## SM33



| CODE             | D  | H | F      | STRENGTH<br>KG |
|------------------|----|---|--------|----------------|
| SM33.35NI00.1605 | 16 | 5 | M4/8   | 5,5            |
| SM33.35NI00.2007 | 20 | 7 | M4/6,5 | 9              |
| SM33.35NI00.2508 | 25 | 8 | M5/7,6 | 22             |
| SM33.35NI00.3208 | 32 | 8 | M6/10  | 34             |
| SM33.35NI00.4209 | 32 | 8 | M6/10  | 68             |

# NEODYMIUM MAGNETIC SYSTEM PASSING/COUNTERSUNK/ THREADED HOLE

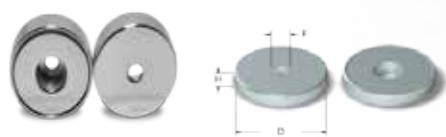


SUPERCALAMITA Magnetic Systems offer the highest attraction, in small sizes and weights.

Max working temperature 80 °C / Also available SH Type 150 °C.

**All the measurements are in millimeters. Other sizes and shapes on request.**

## SM09



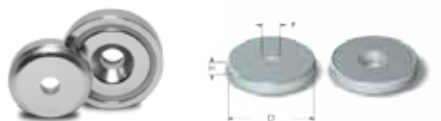
| CODE             | D  | H   | F  | STRENGTH<br>KG |
|------------------|----|-----|----|----------------|
| SM09.35NI00.1553 | 15 | 5   | D3 | 4              |
| SM09.35NI00.2253 | 22 | 5,3 | D3 | 20             |
| SM09.35NI00.2545 | 25 | 4   | D5 | 6,3            |
| SM09.35NI00.2585 | 25 | 8   | D5 | 17             |

## SM19



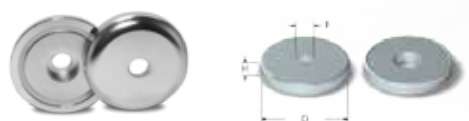
| CODE             | D  | H | F | STRENGTH<br>KG |
|------------------|----|---|---|----------------|
| SM19.35NI00.3007 | 30 | 7 | 3 |                |
| SM19.35NI00.4007 | 40 | 7 | 4 |                |
| SM19.35NI00.5007 | 50 | 7 | 6 | 35             |

## SM30



| CODE             | D  | H  | F   | STRENGTH<br>KG |
|------------------|----|----|-----|----------------|
| SM30.35NI00.1605 | 16 | 5  | 3.5 | 5              |
| SM30.35NI00.2007 | 20 | 7  | 4.5 | 6              |
| SM30.35NI00.2508 | 25 | 8  | 5.5 | 14             |
| SM30.35NI00.3208 | 32 | 8  | 5.5 | 25             |
| SM30.35NI00.3609 | 36 | 9  | 6.5 | 29             |
| SM30.35NI00.4209 | 42 | 9  | 6.5 | 37             |
| SM30.35NI00.6015 | 60 | 15 | 8.5 | 95             |

## SM31



| CODE             | D  | H  | F   | STRENGTH<br>KG |
|------------------|----|----|-----|----------------|
| SM31.35NI00.2508 | 25 | 8  | 5.5 | 14             |
| SM31.35NI00.3609 | 36 | 9  | 6.5 | 29             |
| SM31.35NI00.4811 | 48 | 11 | 8.5 | 63             |
| SM31.35NI00.6015 | 60 | 15 | 8.5 | 95             |

# NEODYMIUM MAGNETIC SYSTEM SPECIAL POT



ITALFIT magneti

SUPERCALAMITA Magnetic Systems offer the highest attraction, in small sizes and weights.

Max working temperature 80 °C / Also available SH Type 150 °C.

**All the measurements are in millimeters. Other sizes and shapes on request.**

## SM15 – FLAT BOTTOM



| CODE             | D  | H  | STRENGTH<br>KG |
|------------------|----|----|----------------|
| SM15.35NI00.2280 | 22 | 9  | 6              |
| SM15.35NI00.2590 | 25 | 9  | 9              |
| SM15.35NI00.3010 | 30 | 10 | 12             |

SM15 Set Magnets are suitable for bonding on smooth surfaces, glass, plastic...

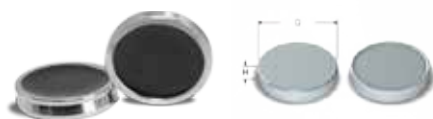
## SM16 – KNURLED BOTTOM



| CODE             | D  | H | STRENGTH<br>KG |
|------------------|----|---|----------------|
| SM16.35NI00.2080 | 20 | 8 | 6              |

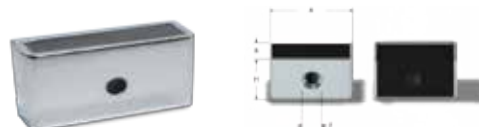
SM16 SM15 Set Magnets are produced with a knurling on the outer surface of the diameter to increase the attraction due to the grooves.

## SM21 – FLAT BOTTOM



| CODE             | D    | H | STRENGTH<br>KG |
|------------------|------|---|----------------|
| SM21.35NI00.2456 | 24,5 | 6 |                |

## SM25 – RECTANGULAR



| CODE             | A  | B  | H  | F  | STRENGTH<br>KG |
|------------------|----|----|----|----|----------------|
| SM25.35NI00.3010 | 30 | 20 | 10 | D3 | 5              |

# NEODYMIUM MAGNETIC SYSTEM THREADED POT



SUPERCALAMITA Magnetic Systems offer the highest attraction, in small sizes and weights.

Max working temperature 80 °C.

**All the measurements are in millimeters. Other sizes and shapes on request.**

## SM08



| CODE               | D  | H  | F     | STRENGTH<br>KG |
|--------------------|----|----|-------|----------------|
| SM08.35NI00.1654   | 16 | 5  | 4MX10 | 3              |
| SM08.35NI00.2254   | 22 | 5  | 4MX6  | 8              |
| SM08.35NI00.2255   | 22 | 5  | 5MX15 | 8              |
| SM08.35NI00.2261   | 22 | 6  | 5MX20 | 4              |
| SM08.35NI00.2265   | 22 | 6  | 5MX20 | 10             |
| SM08.35NI00.2268   | 22 | 6  | 5MX20 | 8              |
| SM08.35NI00.2595   | 25 | 9  | 5MX16 | 10             |
| SM08.35NI00.3085   | 30 | 8  | 5MX16 | 15             |
| SM08.35NI00.3011   | 30 | 11 | 5MX16 | 18             |
| SM08.35NI00.301515 | 30 | 15 | 5MX16 | 20             |
| SM08.35NI00.3512   | 35 | 15 | 6MX15 | 20             |
| SM08.35NI00.4010   | 40 | 10 | 8MX15 | 25             |

We designed SM08 in order to offer the max protection for the magnet. In this way it is isolated from aggressive external agents (moisture, salt, water, acids...) and it's covered by a chrome case. This product is suitable in different conditions of use such as: industrial kitchens, office furniture, marine applications, shipbuilding, food products...

## SM14



| CODE             | D  | H   | F     | STRENGTH<br>KG |
|------------------|----|-----|-------|----------------|
| SM14.35NI00.1225 | 12 | 2,5 | 4MX8  | 2              |
| SM14.35NI00.1550 | 15 | 5   | 4MX12 | 3              |
| SM14.35NI00.2060 | 20 | 6   | 5MX15 | 10             |
| SM14.35NI00.3012 | 30 | 12  | 5MX15 | 15             |
| SM14.35NI00.3014 | 30 | 14  | 5MX15 | 20             |
| SM14.35NI00.5010 | 50 | 10  | 6MX12 | 65             |
| SM14.35NI00.5015 | 50 | 15  | 6MX12 | 75             |

## SM32



| CODE             | D  | H   | F       | STRENGTH<br>KG |
|------------------|----|-----|---------|----------------|
| SM32.35NI00.1205 | 12 | 5,5 | 3MX8    | 3              |
| SM32.35NI00.1605 | 16 | 5,5 | 4MX8    | 5,5            |
| SM32.35NI00.2007 | 20 | 7   | 4MX8    | 9              |
| SM32.35NI00.3208 | 32 | 8   | 6MX10   | 34             |
| SM32.35NI00.4811 | 48 | 11  | 8MX12.5 | 81             |
| SM32.35NI00.7515 | 75 | 18  | 10MX19  | 164            |

## SM18



| CODE             | D  | H  | F     | STRENGTH<br>KG |
|------------------|----|----|-------|----------------|
| SM18.35NI00.2070 | 20 | 7  | 5MX10 | 14             |
| SM18.35NI00.2260 | 22 | 6  | 5MX15 | 8              |
| SM18.35NI00.3510 | 35 | 10 | 5MX15 | 25             |
| SM18.35NI00.3570 | 35 | 7  | 6MX12 | 20             |

## SM36



| CODE             | D  | H  | F     | STRENGTH<br>KG |
|------------------|----|----|-------|----------------|
| SM36.35NI00.2007 | 20 | 7  | 4MX8  | 4,0            |
| SM36.35NI00.2060 | 20 | 6  | 5MX15 | 5,0            |
| SM36.35NI00.2254 | 22 | 5  | 4MX6  | 4,0            |
| SM36.35NI00.2255 | 22 | 5  | 5MX15 | 4,00           |
| SM36.35NI00.3014 | 30 | 14 | 5MX15 | 15,00          |

# SISTEMI MAGNETICI NEODIMIO



SUPERCALAMITA Magnetic Systems offer the highest attraction, in small sizes and weights.

Max working temperature 80 °C.

**All the measurements are in millimeters. Other sizes and shapes on request.**

## MAGNETIC LOCKS



MAGNETIC LOCKS are designed to be used as door catches, to close cabinets, lockers, etc.

## SM34.3208 WITH SNAP-HOOK



| CODE               | TYPE      | A  | B  | H  | STRENGTH KG |
|--------------------|-----------|----|----|----|-------------|
| SM10.35NI00.4615   | FERRITE   | 45 | 15 | 15 | 8,00        |
| SM10.FEWH00.4615   | NEODYMIUM | 45 | 15 | 15 |             |
| SM10.FEWH00.552215 | NEODYMIUM | 55 | 22 | 15 |             |
| SM10.FEWH00.641015 | NEODYMIUM | 64 | 10 | 15 |             |

| CODE             | A  | B | STRENGTH KG |
|------------------|----|---|-------------|
| SM34.35NI00.3208 | 32 | 8 | 34,00       |

MAGNETIC SYSTEM SM34.3208 WITH SNAP-HOOK allows you to lift small loads of goods with ropes or chains.

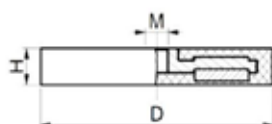
## BADGE HOLDER



| CODE             | A  | B  | H |
|------------------|----|----|---|
| SM60.35NI00.3313 | 33 | 13 | 6 |

MAGNETIC SYSTEM SM60.3313 is a quick solution for magnetic badge holder. Comfortable to wear, with high adhesive force due to the use of neodymium magnets.

## RUBBER COATING MAGNETS



| CODE                 | D  | H | HOLE (M) | HEIGHT HOLE   | STRENGTH KG |
|----------------------|----|---|----------|---------------|-------------|
| SM35.35GO00.308M4GOM | 30 | 8 | M4       | 7             | 8,00        |
| SM35.35GO00.30066    | 30 | 6 | D6       | FORO PASSANTE |             |
| SM35.35GO00.436M4GOM | 43 | 6 | M4       | 6             | 8,50        |
| SM35.35GO00.668M6GOM | 66 | 8 | M6       | 7             | 20,00       |
| SM35.35GO00.888M7GOM | 88 | 8 | M7       | 6             | 42,00       |

MAGNETIC SYSTEM MADE ON RUBBER can be used in warm condition. The coating, made on rubber, guarantees an higher force of attraction.

## FERRITE/ALNICO MAGNETIC SYSTEM

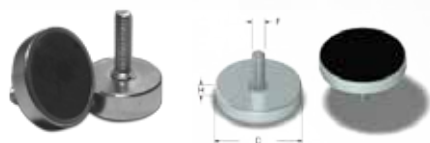
### SM01-THREADED SHANK/ FERRITE DISC



FERRITE MAGNETIC SYSTEMS-SERIES F14 could be used in various industries and applications. The models SM01/02/03 are made in galvanized iron or chromium. They are perfect for sealing and locking.

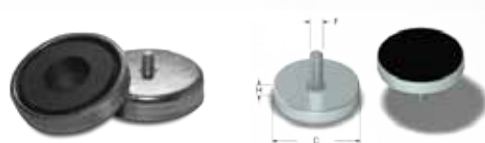
**All the measurements are in millimeters. Other sizes and shapes on request.**

#### SM01 - THREADED SHANK/FERRITE DISC



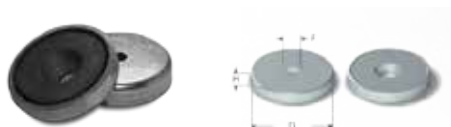
| CODE             | D  | H | F     | STRENGTH<br>KG |
|------------------|----|---|-------|----------------|
| SM01.3FE000.2370 | 23 | 7 | M5X12 | 3              |
| SM01.3FE000.2360 | 23 | 6 | M5X15 | 2              |
| SM01.3FE000.3260 | 32 | 6 | M6X15 | 6              |

#### SM02-THREADED SHANK/FERRITE RING



| CODE             | D  | H  | F     | STRENGTH<br>KG |
|------------------|----|----|-------|----------------|
| SM02.3FE000.4510 | 45 | 11 | M5X8  | 7              |
| SM02.3FE000.5512 | 55 | 12 | M5X8  | 13             |
| SM02.3FE000.7115 | 71 | 15 | M8X15 | 25             |

#### SM03- FERRITE DISC/THROUGH HOLE



| CODICE           | D  | H  | F   | FORZA KG |
|------------------|----|----|-----|----------|
| SM03.3FE000.4510 | 45 | 11 | 4   | 7        |
| SM03.3FE000.5512 | 55 | 12 | 4   | 13       |
| SM03.3FE000.7115 | 71 | 15 | 10  | 25       |
| SM03.3FE000.8018 | 80 | 18 | 8   | 50       |
| SM03.3FE000.8018 | 80 | 18 | M10 | 50       |



# FERRITE/ALNICO MAGNETIC SYSTEM

## ALNICO



ITALFIT magneti

Alnico Permanent Magnetic Systems series are especially specified to be used when the temperature is higher than 100°C, up to 600/650 °C. These magnets are usually used with contact surfaces. Differently to other magnets, they can be used as a tool.

SM04-INTERNAL THREADED HOLE



| CODE                | D    | H    | F  | STRENGTH KG |
|---------------------|------|------|----|-------------|
| SM04.V00000.66.M3   | 6    | 6    | M3 | 0,3         |
| SM04.V00000.1010.M3 | 10   | 10   | M3 | 0,9         |
| SM04.V00000.1215.M5 | 12   | 15,7 | M5 | 1,4         |
| SM04.V00000.1218.M4 | 12,7 | 15,8 | M4 | 2           |
| SM04.V00000.1715.M6 | 17   | 15,8 | M6 | 3           |
| SM04.V00000.3030.M6 | 30   | 30   | M6 | 14          |
| SM04.V00000.3530.M6 | 35   | 30   | M6 | 18          |
| SM04.V00000.4530.M8 | 45   | 30   | M8 | 30          |
| SM04.V00000.5050.M8 | 50   | 50   | M8 | 50          |

SM06- THREADED THROUGH HOLE



| CODE                   | D    | H    | F  | STRENGTH KG |
|------------------------|------|------|----|-------------|
| SM06.V00000.1984.M4    | 19   | 8    | M4 | 3           |
| SM06.V00000.28.58.5.M4 | 28.5 | 8.5  | M4 | 5           |
| SM06.V00000.2895.M5    | 28,6 | 9,5  | M5 | 5,5         |
| SM06.V00000.3815.M5    | 38   | 11,1 | M5 | 11          |

## FLEXIBLE MAGNETIC RUBBER

### PLASTOFLEX X5 PN01



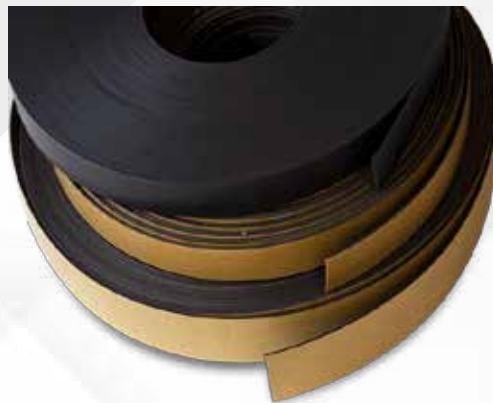
Isotropic Plastroferrite - NOT ORIENTED BH max 0,5

PLASTOFLEX X5 magnets are a compound of synthetic rubber powder and Barium Ferrite. They are obtained by extrusion. The available sizes are: thickness from 1.2 to 3 mm/ width from 10 to 60 mm/length rolls. We could also provide bespoke magnets. They are also available with coloured pvc glossy or coupled to various types of self-adhesive, both self- adhesive and white foam self adhesive at high adhesion. Magnetization : axial / 2 poles /more poles on the same side.

| CODE             | THICKNESS<br>MM | WIDTH<br>MM | LENGTH<br>MT |
|------------------|-----------------|-------------|--------------|
| PN01.X50000.1210 | 1,2             | 10          | 50           |
| PN01.X50000.1215 | 1,2             | 15          | 50           |
| PN01.X50000.1220 | 1,2             | 20          | 50           |
| PN01.X50000.1225 | 1,2             | 25          | 50           |
| PN01.X50000.1230 | 1,2             | 30          | 50           |
| PN01.X50000.1235 | 1,2             | 35          | 50           |
| PN01.X50000.1240 | 1,2             | 40          | 50           |
| PN01.X50000.1250 | 1,2             | 50          | 50           |
| PN01.X50000.1260 | 1,2             | 60          | 50           |
| PN01.X50000.1270 | 1,2             | 70          | 50           |
| PN01.X50000.1320 | 1,3             | 20          | 50           |
| PN01.X50000.1325 | 1,3             | 25          | 50           |
| PN01.X50000.1510 | 1,5             | 10          | 50           |
| PN01.X50000.1515 | 1,5             | 15          | 50           |
| PN01.X50000.1520 | 1,5             | 20          | 50           |
| PN01.X50000.1525 | 1,5             | 25          | 50           |
| PN01.X50000.1530 | 1,5             | 30          | 50           |
| PN01.X50000.1535 | 1,5             | 35          | 50           |
| PN01.X50000.1540 | 1,5             | 40          | 50           |
| PN01.X50000.1550 | 1,5             | 50          | 50           |
| PN01.X50000.1560 | 1,5             | 60          | 50           |
| PN01.X50000.1719 | 1,7             | 19          | 50           |
| PN01.X50000.2010 | 2               | 10          | 50           |
| PN01.X50000.2015 | 2               | 15          | 50           |
| PN01.X50000.2020 | 2               | 20          | 50           |
| PN01.X50000.2025 | 2               | 25          | 50           |
| PN01.X50000.2030 | 2               | 30          | 50           |
| PN01.X50000.2035 | 2               | 35          | 50           |
| PN01.X50000.2040 | 2               | 40          | 50           |
| PN01.X50000.2050 | 2               | 50          | 50           |
| PN01.X50000.2060 | 2               | 60          | 50           |
| PN01.X50000.3020 | 3               | 20          | 50           |
| PN01.X50000.3030 | 3               | 30          | 50           |
| PN01.X50000.3040 | 3               | 40          | 50           |
| PN01.X50000.3060 | 3               | 60          | 50           |

## FLEXIBLE MAGNETIC RUBBER

### PLASTOFLEX X5 PN02- SELF ADHESIVE



ITALFIT magneti

Isotropic Plastroferrite - NOT ORIENTED BH max 0,5

PLASTOFLEX X5 magnets are a compound of synthetic rubber powder and Barium Ferrite. They are obtained by extrusion. The available sizes are: thickness from 1.2 to 3 mm/ width from 10 to 60 mm/length rolls. We could also provide bespoke magnets. They are also available with coloured pvc glossy or coupled to various types of self-adhesive, both self- adhesive and white foam self adhesive at high adhesion. Magnetization : axial / 2 poles /more poles on the same side.

| CODE             | THICKNESS<br>MM | WIDTH<br>MM | LENGTH<br>MT |
|------------------|-----------------|-------------|--------------|
| PN02.X50000.1210 | 1,2             | 10          | 50           |
| PN02.X50000.1215 | 1,2             | 15          | 50           |
| PN02.X50000.1220 | 1,2             | 20          | 50           |
| PN02.X50000.1225 | 1,2             | 25          | 50           |
| PN02.X50000.1230 | 1,2             | 30          | 50           |
| PN02.X50000.1235 | 1,2             | 35          | 50           |
| PN02.X50000.1240 | 1,2             | 40          | 50           |
| PN02.X50000.1250 | 1,2             | 50          | 50           |
| PN02.X50000.1260 | 1,2             | 60          | 50           |
| PN02.X50000.1270 | 1,2             | 70          | 50           |
| PN02.X50000.1320 | 1,3             | 20          | 50           |
| PN02.X50000.1325 | 1,3             | 25          | 50           |
| PN02.X50000.1510 | 1,5             | 10          | 50           |
| PN02.X50000.1515 | 1,5             | 15          | 50           |
| PN02.X50000.1520 | 1,5             | 20          | 50           |
| PN02.X50000.1525 | 1,5             | 25          | 50           |
| PN02.X50000.1530 | 1,5             | 30          | 50           |
| PN02.X50000.1535 | 1,5             | 35          | 50           |
| PN02.X50000.1540 | 1,5             | 40          | 50           |
| PN02.X50000.1550 | 1,5             | 50          | 50           |
| PN02.X50000.1560 | 1,5             | 60          | 50           |
| PN02.X50000.1719 | 1,7             | 19          | 50           |
| PN02.X50000.2010 | 2               | 10          | 50           |
| PN02.X50000.2015 | 2               | 15          | 50           |
| PN02.X50000.2020 | 2               | 20          | 50           |
| PN02.X50000.2025 | 2               | 25          | 50           |
| PN02.X50000.2030 | 2               | 30          | 50           |
| PN02.X50000.2035 | 2               | 35          | 50           |
| PN02.X50000.2040 | 2               | 40          | 50           |
| PN02.X50000.2050 | 2               | 50          | 50           |
| PN02.X50000.2060 | 2               | 60          | 50           |
| PN02.X50000.3020 | 3               | 20          | 50           |
| PN02.X50000.3030 | 3               | 30          | 50           |
| PN02.X50000.3040 | 3               | 40          | 50           |
| PN02.X50000.3060 | 3               | 60          | 50           |

## FLEXIBLE MAGNETIC RUBBER

### PLASTOFLEX X5 PN03-FOAM SELF ADHESIVE



Isotropic Plastroferrite - NOT ORIENTED BH max 0,5

PLASTOFLEX X5 magnets are a compound of synthetic rubber powder and Barium Ferrite. They are obtained by extrusion. The available sizes are: thickness from 1.2 to 3 mm/ width from 10 to 60 mm/length rolls. We could also provide bespoke magnets. They are also available with coloured pvc glossy or coupled to various types of self-adhesive, both self- adhesive and white foam self adhesive at high adhesion. Magnetization : axial / 2 poles /more poles on the same side.

| CODE             | THICKNESS<br>MM | WIDTH<br>MM | LENGTH<br>MT |
|------------------|-----------------|-------------|--------------|
| PN03.X50000.1210 | 1,2             | 10          | 50           |
| PN03.X50000.1215 | 1,2             | 15          | 50           |
| PN03.X50000.1220 | 1,2             | 20          | 50           |
| PN03.X50000.1225 | 1,2             | 25          | 50           |
| PN03.X50000.1230 | 1,2             | 30          | 50           |
| PN03.X50000.1235 | 1,2             | 35          | 50           |
| PN03.X50000.1240 | 1,2             | 40          | 50           |
| PN03.X50000.1250 | 1,2             | 50          | 50           |
| PN03.X50000.1260 | 1,2             | 60          | 50           |
| PN03.X50000.1270 | 1,2             | 70          | 50           |
| PN03.X50000.1320 | 1,3             | 20          | 50           |
| PN03.X50000.1325 | 1,3             | 25          | 50           |
| PN03.X50000.1510 | 1,5             | 10          | 50           |
| PN03.X50000.1515 | 1,5             | 15          | 50           |
| PN03.X50000.1520 | 1,5             | 20          | 50           |
| PN03.X50000.1525 | 1,5             | 25          | 50           |
| PN03.X50000.1530 | 1,5             | 30          | 50           |
| PN03.X50000.1535 | 1,5             | 35          | 50           |
| PN03.X50000.1540 | 1,5             | 40          | 50           |
| PN03.X50000.1550 | 1,5             | 50          | 50           |
| PN03.X50000.1560 | 1,5             | 60          | 50           |
| PN03.X50000.1719 | 1,7             | 19          | 50           |
| PN03.X50000.2010 | 2               | 10          | 50           |
| PN03.X50000.2015 | 2               | 15          | 50           |
| PN03.X50000.2020 | 2               | 20          | 50           |
| PN03.X50000.2025 | 2               | 25          | 50           |
| PN03.X50000.2030 | 2               | 30          | 50           |
| PN03.X50000.2035 | 2               | 35          | 50           |
| PN03.X50000.2040 | 2               | 40          | 50           |
| PN03.X50000.2050 | 2               | 50          | 50           |
| PN03.X50000.2060 | 2               | 60          | 50           |
| PN03.X50000.3020 | 3               | 20          | 50           |
| PN03.X50000.3030 | 3               | 30          | 50           |
| PN03.X50000.3040 | 3               | 40          | 50           |
| PN03.X50000.3060 | 3               | 60          | 50           |

## FLEXIBLE MAGNETIC RUBBER

### PLASTOFLEX X5 PN04-GLOSSY COLOURED PVC



ITALFIT magneti

Isotropic Plastroferrite - NOT ORIENTED BH max 0,5

PLASTOFLEX X5 magnets are a compound of synthetic rubber powder and Barium Ferrite. They are obtained by extrusion. The available sizes are: thickness from 1.2 to 3 mm/ width from 10 to 60 mm/length rolls. We could also provide bespoke magnets. They are also available with coloured pvc glossy or coupled to various types of self-adhesive, both self- adhesive and white foam self adhesive at high adhesion. Magnetization : axial / 2 poles /more poles on the same side.

| CODE             | THICKNESS<br>MM | WIDTH<br>MM | LENGTH<br>MT |
|------------------|-----------------|-------------|--------------|
| PN04.X50000.1215 | 1,2             | 15          | 50           |
| PN04.X50000.1220 | 1,2             | 20          | 50           |
| PN04.X50000.1225 | 1,2             | 25          | 50           |
| PN04.X50000.1230 | 1,2             | 30          | 50           |
| PN04.X50000.1235 | 1,2             | 35          | 50           |
| PN04.X50000.2020 | 2               | 20          | 50           |

### PLASTOFLEX X14



Anisotropic Plastroferrite - ORIENTED BH max 1,4

PLASTOFLEX X14 magnets are made by a mixture of ferrite powder with a thermoplastic binder. The available sizes are: thickness from 1,5 to 8 mm, width within 400 to 450 mm, a maximum length from 1 to 2,5 mt (depending on the thickness). We could also provide customed pieces, according to customer's request, die-cut axial rings (for use with sensors). Magnetization: axial, two poles on both sides, multi-pole on the same side.

PLASTOFLEX X14 is easy to cut and work with. It could be used in many applications where you can not use the hard ferrite magnets or neodymium. They can be used in advertising, toys production, electronics, pneumatics, fancy goods, appliances, signage, printing, lifting, positioning, etc.

## MAGNETIC LABELS

### BESPOKE MAGNETIC LABELS



Magnetic Labels with “C” channel profile for shelves and warehouses. Complete with cardboard and protection in clear acetate.

| CODE             | H  | L   |
|------------------|----|-----|
| RC01.000000.1030 | 10 | 30  |
| RC01.000000.1040 | 10 | 40  |
| RC01.000000.1060 | 10 | 60  |
| RC01.000000.1530 | 15 | 30  |
| RC01.000000.1540 | 15 | 40  |
| RC01.000000.1560 | 15 | 60  |
| RC01.000000.1570 | 15 | 70  |
| RC01.000000.2040 | 20 | 40  |
| RC01.000000.2060 | 20 | 60  |
| RC01.000000.2080 | 20 | 80  |
| RC01.000000.2550 | 25 | 50  |
| RC01.000000.2560 | 25 | 60  |
| RC01.000000.2580 | 25 | 80  |
| RC01.000000.2590 | 25 | 90  |
| RC01.000000.3060 | 30 | 60  |
| RC01.000000.3080 | 30 | 80  |
| RC01.000000.3010 | 30 | 10  |
| RC01.000000.3012 | 30 | 120 |
| RC01.000000.4060 | 40 | 60  |
| RC01.000000.4080 | 40 | 80  |
| RC01.000000.4010 | 40 | 100 |
| RC01.000000.4012 | 40 | 120 |
| RC01.000000.5080 | 50 | 80  |
| RC01.000000.5010 | 50 | 100 |
| RC01.000000.5012 | 50 | 120 |
| RC01.000000.5015 | 50 | 150 |
| RC01.000000.6080 | 60 | 80  |
| RC01.000000.6010 | 60 | 100 |
| RC01.000000.6012 | 60 | 120 |
| RC01.000000.6015 | 60 | 150 |

For a perfect customization of the label it is possible to buy the whole magnetic profile roll. It is easily die-cut, or cut using a cutter or scissors.



### “C” PROFILE MAGNET ROLL



| CODE             | H  | L  |
|------------------|----|----|
| RC02.000000.5010 | 10 | 50 |
| RC02.000000.5015 | 15 | 50 |
| RC02.000000.5020 | 20 | 50 |
| RC02.000000.5025 | 25 | 50 |
| RC02.000000.5030 | 30 | 50 |
| RC02.000000.5040 | 40 | 50 |
| RC02.000000.5050 | 50 | 50 |
| RC02.000000.5060 | 60 | 50 |
| RC02.000000.5070 | 70 | 50 |

All the measures are in millimeters. Other sizes or shapes by request.

## MAGNETIC POCKETS

### SC TYPE



Magnetic pockets have a strong magnetic fastening, suitable for use in all conditions, especially in warehouses. They always offer the best conditions of use and adhesion to the metal support.

Magnetic pockets guarantee a clean and safe transport of documents through the processes of production and storage. They are made with various magnetic fasteners, suitable for every kind of adherence and use. The particular shape and sturdy plastic material have been studied for various condition of use.

Standard colours: Grey, Red, Blue, Green.

**Ideal for “Quality Control” and ISO 9001/9002 certifications.**

| CODE             | H   | L   |
|------------------|-----|-----|
| BM02.00BL00.1151 | 115 | 110 |
| BM02.00BL00.2202 | 220 | 120 |
| BM02.00BL00.2206 | 220 | 160 |
| BM02.00BL00.2205 | 220 | 305 |
| BM02.00BL00.3205 | 240 | 320 |

All the measures are in millimeters. Other sizes and shapes by request.

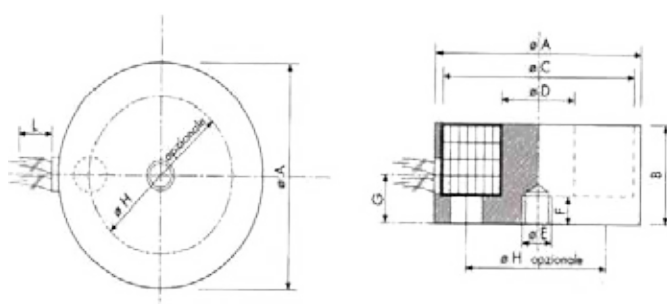
## ELECTROMAGNETS

### ELECTROMAGNETS CIRCULAR EMP



The max strength (in kg) is indicated at Air gap Zero. The electromagnet's surface is in contact with the iron's one. The surface of the iron piece is created with the minimal roughness. Its thickness is 10 mm. At the same thickness and roughness we can obtain decreasing magnetic foces with Iron (Fe 35), Steel 60, Malleable Cast Iron, Cast Iron and Steel quick.

The electromagnets are suitable to move and keep Iron pieces, for applications in complex systems, for positioning and robotization. Execution standard at 24 V DC. Other voltages available on request. Class F insulation. Cable Output power/ lower side.



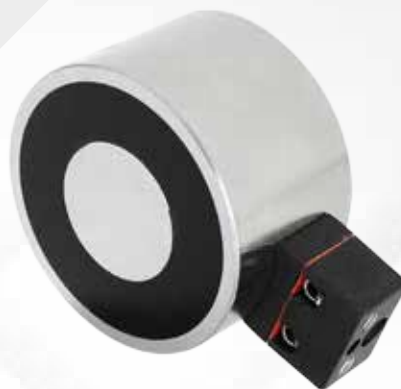
| CODE            | A   | B  | C  | D  | E   | F  | G   | L   | W Consume | MAX Strength | Weight KG |
|-----------------|-----|----|----|----|-----|----|-----|-----|-----------|--------------|-----------|
| EMP.000000.15C  | 15  | 20 | 13 | 6  | M4  | 10 | 4   | 100 | 1,5       | 2            | 0,03      |
| EMP.000000.20C  | 20  | 20 | 17 | 9  | M5  | 10 | 4   | 200 | 2,5       | 4            | 0,04      |
| EMP.000000.30C  | 30  | 18 | 27 | 9  | M4  | 10 | 5   | 200 | 3         | 7            | 0,1       |
| EMP.000000.40C  | 40  | 22 | 35 | 16 | M5  | 15 | 6,5 | 200 | 5         | 30           | 0,2       |
| EMP.000000.50C  | 50  | 25 | 46 | 19 | M6  | 15 | 9   | 200 | 6,5       | 60           | 0,3       |
| EMP.000000.60C  | 60  | 28 | 54 | 25 | M6  | 18 | 9   | 200 | 8         | 90           | 0,6       |
| EMP.000000.80C  | 80  | 40 | 70 | 34 | M8  | 20 | 14  | 200 | 15        | 200          | 1,2       |
| EMP.000000.100C | 100 | 60 | 90 | 38 | M10 | 20 | 14  | 300 | 20        | 300          | 2,2       |

All the measures are in millimeters. Oher sizes and shapes by request.



## ELECTROMAGNETS

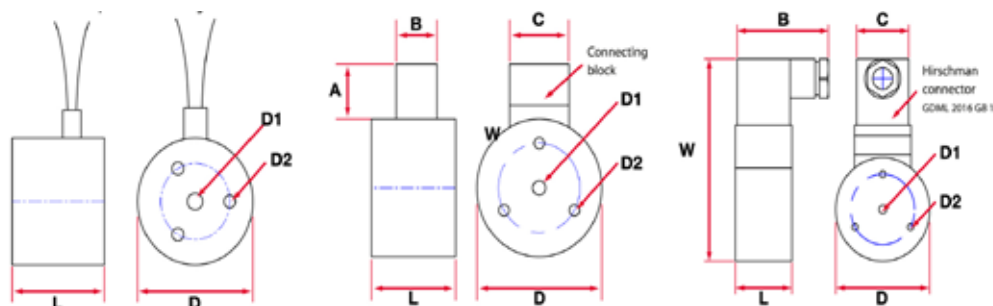
### ELECTROMAGNETS CIRCULAR ECL



ITALFIT magneti

The max strength (in kg) is indicated at Air gap Zero. The electromagnet's surface is in contact with the iron's one. The surface of the iron piece is created with the minimal roughness. Its thickness is 10 mm. At the same thickness and roughness we can obtain decreasing magnetic forces with Iron (Fe 35), Steel 60, Malleable Cast Iron, Cast Iron and Steel quick.

The electromagnets are suitable to move and keep Iron pieces, for applications in complex systems, for positioning and robotization. Execution standard at 24 V DC. Other voltages available on request. Class F insulation. Cable Output power/ lower side.



| CODE                            | D  | L  | A  | B  | C  | D1 | D2 | CABLE LENGTH (RED+BLACK)                 | W Consume | MAX Strength | Weight KG |
|---------------------------------|----|----|----|----|----|----|----|------------------------------------------|-----------|--------------|-----------|
| ECL.000000.25C                  | 25 | 20 | /  | /  | /  | M4 | M3 | 0,3 MM X 500MM (vedi Fig.1)              | 2,16      | 11,5         | 0,066     |
| ECL.000000.30C                  | 30 | 24 | /  | /  | /  | M5 | M3 | 0,3 MM X 500MM (vedi Fig.1)              | 3,36      | 25,8         | 0,108     |
| ECL.000000.40C                  | 40 | 27 | 16 | 13 | 19 | M5 | M4 | 2 poles connector- W/O CABLE (Pic.2)     | 5,50      | 58,6         | 0,10      |
| ECL.000000.50C                  | 50 | 30 | 16 | 13 | 19 | M5 | M4 | 2 poles connector- W/O CABLE (Pic.2)     | 5,70      | 111,80       | 0,210     |
| ECL.000000.50C.240 (ESEC. 240V) | 50 | 30 | 16 | 50 | 30 | M5 | M4 | Hirschman connector - W/O CABLE (Pic. 3) | 8,56      | 111,80       | 0,408     |
| ECL.000000.65C                  | 65 | 35 | 16 | 13 | /  | M8 | M5 | 2 poles connector- W/O CABLE (Pic.2)     | 8,20      | 171          | 0,710     |
| ECL.000000.65C (ESEC. 240V)     | 65 | 35 | 16 | 50 | 30 | M8 | M5 | Hirschman connector - W/O CABLE (Pic. 3) | 10,70     | 171          | 0,744     |

All the measures are in millimeters. Oher sizes and shapes by request.

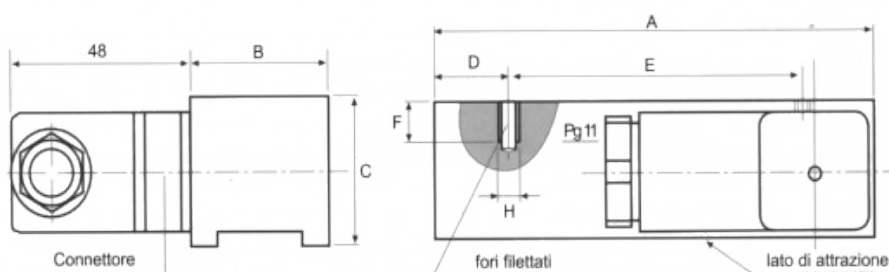
## ELECTROMAGNETS

### ELECTROMAGNETS RECTANGULAR EMP



The max strength (in kg) is indicated at Air gap Zero. The electromagnet's surface is in direct contact with the iron's one. The surface of the iron piece is created with the minimal roughness. Its thickness is 10 mm. At the same thickness and roughness we can obtain decreasing magnetic foces with Iron (Fe 35), Steel 60, Malleable Cast Iron, Cast Iron and Steel quick.

The electromagnets are suitable to move and keep Iron pieces, for applications in complex systems, for positioning and robotization. Execution standard at 24 V DC. Other voltages available on request. Class F insulation. Cable Output power/ lower side.



| CODE                | A   | B  | C  | D  | E  | F  | H  | HOLES | W Consume | MAX Strength | Weight KG |
|---------------------|-----|----|----|----|----|----|----|-------|-----------|--------------|-----------|
| EMP0.000000.301520M | 30  | 15 | 20 | 15 | /  | /  | M4 | 1     | 5         | 5            | 0,05      |
| EMP0.000000.302020M | 30  | 20 | 20 | 15 | /  | /  | M4 | 1     | 5         | 8,2          | 0,07      |
| EMP0.000000.125R    | 125 | 35 | 34 | 25 | 50 | 10 | M6 | 2     | 10        | 45           | 0,9       |
| EMP0.000000.175R    | 175 | 35 | 34 | 25 | 50 | 10 | M6 | 3     | 14        | 85           | 1         |
| EMP0.000000.225R    | 225 | 35 | 34 | 25 | 50 | 10 | M6 | 4     | 18        | 110          | 1,5       |
| EMP0.000000.425R    | 425 | 35 | 34 | 25 | 50 | 10 | M6 | 8     | 30        | 250          | 2,8       |
| EMP0.000000.525R    | 525 | 35 | 34 | 25 | 50 | 10 | M6 | 10    | 45        | 310          | 3,5       |
| EMP0.000000.625R    | 625 | 35 | 34 | 25 | 50 | 10 | M6 | 12    | 53        | 395          | 4,5       |

All the measures are in millimeters. Oher sizes and shapes by request.

## ELECTROMAGNETS

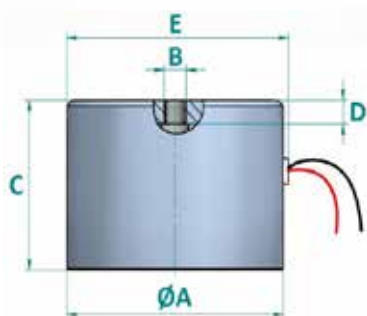
### ELECTROPERMANENT EMP



ITALFIT magneti

The max strength (in Kg) is indicated at Air gap Zero. The electropermanent's surface is in contact with the iron's one. The surface of the iron piece is created with the minimal roughness. Its thickness is 10 mm.

At the same thickness and roughness we can obtain decreasing magnetic forces with Iron (Fe 35), Steel 60, Malleable Cast Iron, Cast Iron and Steel quick.V

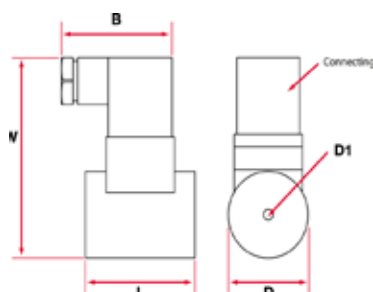


| CODE               | A   | B   | C    | D  | E    | MAX STRENGTH | WEIGHT KG |
|--------------------|-----|-----|------|----|------|--------------|-----------|
| EMPP.000000.VP-20  | 20  | M3  | 25   | 5  | 26   | 3,97         | 0,040     |
| EMPP.000000.VP-30  | 30  | M4  | 32,5 | 5  | 35,2 | 18,4         | 0,13      |
| EMPP.000000.VP-40  | 40  | M5  | 41,7 | 6  | 42,7 | 28           | 0,28      |
| EMPP.000000.VP-50  | 50  | M5  | 42,8 | 6  | 52,5 | 62           | 0,44      |
| EMPP.000000.VP-65  | 65  | M8  | 45,5 | 8  | 67   | 124,4        | 0,74      |
| EMPP.000000.VP-100 | 100 | M10 | 67   | 10 | 102  | 230          | 3,00      |
| EMPP.000000.VP-150 | 150 | M16 | 65   | 15 | 152  | 225          | 7,10      |

All the measures are in millimeters. Other sizes and shapes by request.

## ELECTROMAGNETS

### ELECTROPERMANENT ECL



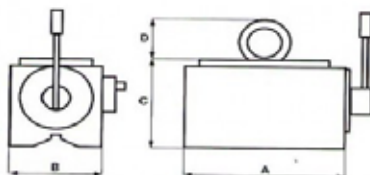
All the measures are in millimeters. Other sizes and shapes by request.

| CODE                  | D  | D1 | L  | W  | B  | Consume W | MAX Strength | Weight KG |
|-----------------------|----|----|----|----|----|-----------|--------------|-----------|
| ECLP.000000.VP-35     | 35 | M5 | 48 | 78 | 50 | 5,5       | 25,5         | 0,352     |
| ECLP.000000.VP-35.240 | 35 | M5 | 48 | 81 | 50 | 5,5       | 25,5         | 0,354     |
| ECLP.000000.VP-50     | 50 | M5 | 63 | 97 | 50 | 8,5       | 48           | 0,874     |
| ECLP.000000.VP-50.240 | 50 | M5 | 63 | 97 | 50 | 8,5       | 48           | 0,880     |

## MAGNETIC LIFTER MANUAL CONTROL IFND



Magnetic lifters are suitable for lifting bars, rounds, sheets, moulds, beams or other pieces of iron. Being made with permanent magnets, they represent the maximum in the safety of lifting, as they do not detach the piece until after the lever has been operated. They have the advantage of being able to move the pieces quickly and avoiding slinging with ropes or chains. Please refer to our instruction manual.



| CODE                 | MODEL    | WEIGHT<br>KG | A   | B   | C   | D   | Work load for flat<br>surfaces (Kg) | Work load for<br>curved surfaces<br>(Kg) |
|----------------------|----------|--------------|-----|-----|-----|-----|-------------------------------------|------------------------------------------|
| SL10.000003.IFND100  | IFDN100  | 4            | 103 | 67  | 70  | 81  | 300                                 | 100                                      |
| SL10.000003.IFND300  | IFDN300  | 7            | 180 | 80  | 80  | 65  | 900                                 | 300                                      |
| SL10.000003.IFND600  | IFDN600  | 17           | 267 | 129 | 198 | 100 | 1800                                | 600                                      |
| SL10.000003.IFND1000 | IFDN1000 | 38           | 360 | 156 | 277 | 100 | 3000                                | 1000                                     |
| SL10.000003.IFND2000 | IFDN2000 | 95           | 490 | 210 | 333 | 100 | 6000                                | 2000                                     |
| SL10.000003.IFND3000 | IFDN3000 | 150          | 600 | 264 | 379 | 100 | 9000                                | 3000                                     |

## MAGNETIC LIFTER LIFTER WITH RELEASE LEVER



(\*) All loads shown are equivalent to 1/3 of the maximum force.

| CODE             | MODEL | WORKING LOAD<br>MAX KG* | LENGTH MM | WIDTH MM | HEIGHT MM |
|------------------|-------|-------------------------|-----------|----------|-----------|
| SL01.000075.T75  | T 75  | 75                      | 130       | 81       | 36        |
| SL01.000135.T135 | T 135 | 135                     | 152       | 133      | 30        |
| SL01.000140.T140 | T 140 | 140                     | 155       | 140      | 35        |
| SL01.000260.T260 | T 260 | 260                     | 185       | 155      | 35        |
| SL01.000300.T300 | T 300 | 300                     | 275       | 175      | 95        |
| SL01.000350.T350 | T 350 | 350                     | 200       | 165      | 62        |
| SL01.000400.T400 | T 400 | 400                     | 310       | 195      | 37        |
| SL01.000590.T590 | T 590 | 590                     | 330       | 193      | 60        |
| SL01.000360.T360 | T 360 | 360                     | 430       | 100      | 37        |

All dimensions are in millimetres. Other dimensions and shapes on request.

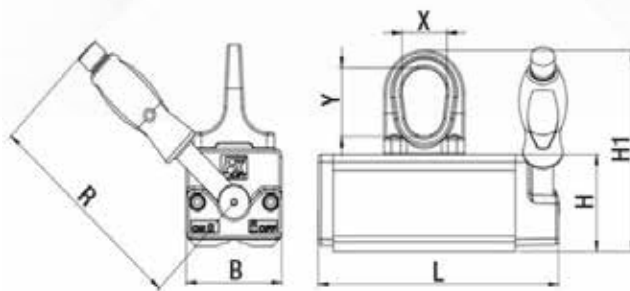
## MAGNETIC LIFTER

### MAGNETIC LIFTER WITH MANUAL CONTROL FX



ITALFIT magneti

Magnetic lifters are suitable for lifting bars, round plates, moulds, beams or other pieces of iron. Their use can simplify loading and unloading operations, thus reducing the execution time. The FX series products have a lever with 90° rotation; this makes the lifter even safer and easier to handle.



| CODE               | Max load (Kg) |                         | Max load from mm | DIMENSIONS |     |     |     |     |       | WEIGHT (KG) |
|--------------------|---------------|-------------------------|------------------|------------|-----|-----|-----|-----|-------|-------------|
|                    | Flat          | Circular                |                  | L          | B   | H   | H1  | R   | X/Y   |             |
| SL10.000003.FX150  | 150           | Ø 50-200 mm<br>75 kg    | 8                | 161        | 64  | 60  | 124 | 136 | 30/42 | 3.6         |
| SL10.000003.FX300  | 300           | Ø 50-300 mm<br>150 kg   | 15               | 205        | 87  | 78  | 158 | 190 | 42/53 | 8.4         |
| SL10.000003.FX600  | 600           | Ø 80-400 mm<br>300 kg   | 20               | 288        | 112 | 94  | 189 | 228 | 51/62 | 19          |
| SL10.000003.FX1000 | 1000          | Ø 100-450 mm<br>500 kg  | 25               | 361        | 152 | 120 | 240 | 261 | 60/76 | 42          |
| SL10.000003.FX2000 | 2000          | Ø 120-600 mm<br>1000 kg | 50               | 472        | 228 | 169 | 313 | 409 | 68/89 | 115         |
| SL10.000003.FX3000 | 3000          | Ø 250-600 mm<br>1500 kg | 50               | 648        | 228 | 169 | 313 | 534 | 68/89 | 166         |

All dimensions are in millimetres. Other dimensions and shapes on request.

## MAGNETIC TOOLS PLIERS



Accident prevention tools for work on presses, shears, trances, etc..  
Detachment lever pieces raised.

All the measurements are in millimeters. Other sizes and shapes by request.

| CODE      | TYPE  | LENGTH HEAD | HEIGHT HEAD | WIDTH HEAD | LENGTH HANDLE | POWER LIFTING KG | WEIGHT KG |
|-----------|-------|-------------|-------------|------------|---------------|------------------|-----------|
| PZ10.0001 | P.M.A | 65          | 22          | 46         | 400           | 10               | 0,45      |
| PZ10.0002 | P.M.B | 65          | 18          | 46         | 390           | 5                | 0,25      |
| PZ10.0003 | P.M.C | 60          | 1843        | 345        | 1             | 0,2              | 0,2       |

## MAGNETIC TOOLS MAGNETIC PICKERS



Magnetic pickers. To separate, collect, package or lift small iron pieces, iron nails, bolts, screw nuts, etc.  
The ferrous material is detached by pressing the lever below the handle. Available extension Mod PROL to collect and remote disconnect by distance.

### R03 MODEL

Special collector isolated against infiltration of liquids, suitable for galvanic process.  
Resistant to the bath with acids. Available up to 2 meters long.

| CODE      | TYPE    | LENGTH | WIDTH  | HEIGHT | HEIGHT HANDLE | WEIGHT KG |
|-----------|---------|--------|--------|--------|---------------|-----------|
| RAQU.0130 | R01     | 130    | 68     | 88     | 110           | 2         |
| RAQU.0137 | R02     | 137    | 129    | 115    | 115           | 3,7       |
| RAPR.0500 | PROL    |        | 115    | 500    |               | 0,6       |
| RAIS.0165 | R03     | 165    | 103    | 115    | 1380          | 4,3       |
| RAQU.0213 | TITANIO | 130    | DIA 32 |        | 2000          | 3         |
| RAQU.0225 | TITANIO | 250    | DIA 32 |        | 2000          | 4         |

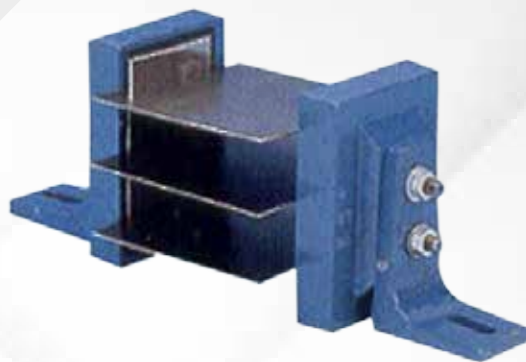
Magnetic grip to lift small pieces during machining, assemblies and polishers or chromers.

| CODE      | TYPE | LENGTH | WIDTH | HEIGHT | HEIGHT HANDLE | WEIGHT KG | FLOW KG |
|-----------|------|--------|-------|--------|---------------|-----------|---------|
| IM03.0220 | I20  | 82     | 65    | 43     | 90            | 1,0       | 50      |

All the measurements are in millimeters. Other sizes and shapes by request.

## MAGNETIC TOOLS

# MAGNETIC FANNER FOR IRON SHEETS



ITALFIT magneti

The Magnetic fanner for plates are ideal to split individual sheets stacked in piles both vertical and horizontal. Their use is indispensable especially when the process is handled by robotic machines.

### Magnetic fanner for iron sheets with thickness up to 1,5 mm

| CODE                | LENGTH | WIDTH | HEIGHT |
|---------------------|--------|-------|--------|
| SELA.000000.3709625 | 370    | 96    | 25     |
| SELA.000000.5009625 | 500    | 96    | 25     |

### Magnetic fanner for iron sheets with thickness up to 2,5 mm

| CODE                 | LENGTH | WIDTH | HEIGHT |
|----------------------|--------|-------|--------|
| SELA.000000.26512250 | 265    | 122   | 50     |

### Magnetic fanner for iron sheets with upper thickness

| CODE                 | LENGTH | WIDTH | HEIGHT |
|----------------------|--------|-------|--------|
| SELA.000000.60010482 | 600    | 104   | 82     |

WE CAN PROVIDE ANY TYPE OF MAGNETIC SEPARATOR (WITH A TECHNICAL DRAWING) ON CUSTOMER'S REQUEST.

## MAGNETIC TOOLS MAGNETIC SQUARE



Magnetic square helps to weld together 2 pieces, creating a perfect angle of 90°.

All the measurements are in millimeters. Other sizes and shapes by request.

| CODE             | MODEL | WIDTH (A) | HEIGHT (B) | THICKNESS (C) | WEIGHT KG |
|------------------|-------|-----------|------------|---------------|-----------|
| SQFI.000000.0040 | SQ40  | 168,5     | 168,5      | 30            | 1,30      |
| SQFI.000000.0080 | SQ80  | 168,5     | 168,5      | 48            | 2,0       |

## MAGNETIC TOOLS MAGNETIC TOOL ORGANIZER



Magnetic tool organizer suitable for mechanical's workshop or professional kitchens as a knife organizer. Plugs and screws included.

| CODE | TYPE     | LENGTH | WIDTH | THICKNESS | HOLES DIAM. |
|------|----------|--------|-------|-----------|-------------|
| 0220 | SC35MANI | 220    | 30    | 15        | 5,5         |
| 0395 | SC35MANI | 395    | 30    | 15        | 5,5         |

All the measurements are in millimeters. Other sizes and shapes by request.



## DEFERIZATION

### MAGNETIC TUBE



ITALFIT magneti

Supercalamita Neodymium tube is suitable for installation in grids; they are used for the separation between iron and granular material, flour, plastics, polyethylene, wood, etc...

Standard diameter: D 15 / D 20 / D 32 mm.

We manufacture them specifically to the length requested by the customer.

We recommend Neodymium Supercalamita tube, that has a greater attraction than ferrite tube (for the same size).

Assembly: Two head - threaded screw or threaded hole.

We also supply MAGNETIC GRID.

#### Magnetic tube- Supercalamita-neodymium

| CODE      | TYPE | DIAMETER | LENGTH             | FASTENING |
|-----------|------|----------|--------------------|-----------|
| CM01.0001 | CS   | 20       | BESPOKE BY REQUEST | M6        |
| CM01.0002 | CS   | 25       | BESPOKE BY REQUEST | M6        |
| CM01.0003 | CS   | 32       | BESPOKE BY REQUEST | M8        |

#### Magnetic tube-Ferrite-type CF-800 Gauss

| CODE      | TYPE | DIAMETER | LENGTH             | FASTENING |
|-----------|------|----------|--------------------|-----------|
| CM02.0001 | CF   | 20       | BESPOKE BY REQUEST | M6        |
| CM02.0002 | CF   | 25       | BESPOKE BY REQUEST | M6        |
| CM02.0003 | CF   | 32       | BESPOKE BY REQUEST | M8        |

## DEFERIZATION

### PLATES AND BARS



Magnetic plates and bars have the capability of being fastened at the end of conveyor belts, to remove and retain the iron pieces from the material transported.

They can also be used, under the conveyor belts, for handling iron objects.

#### MAGNETIC BARS - SUPERCALAMITA - TYPE BS - 10.000 GAUSS

| CODE      | TYPE | SIDE  | LENGTH             | FASTENING |
|-----------|------|-------|--------------------|-----------|
| PB01.0001 | BS   | 35X35 | BESPOKE BY REQUEST | M8        |
| PB01.0002 | BS   | 54X40 | BESPOKE BY REQUEST | M8        |
| PB01.0003 | BS   | 90X60 | BESPOKE BY REQUEST | M8        |

We manufacture plates and bars specifically to the dimensions requested by the customer.

Fastening: threaded holes on unmagnetic side or laterally.

Fastening type: passing hole or threaded. Also available in steps, for a better filtering action.

We can produce plates and bars in different sizes, on customer's request.

| CODE      | TYPE | SIDE   | LENGTH | FASTENING |
|-----------|------|--------|--------|-----------|
| PB02.1250 | PS   | 150X50 | 1200   | FORI M8   |
| PB02.4012 | PS   | 120X50 | 400    | FORI M8   |
| PB02.1215 | PS   | 150X15 | 1200   | FORI M8   |
| PB02.4050 | PS   | 50X50  | 400    | FORI M8   |
| PB02.3035 | PS   | 35X35  | 300    | FORI M6   |
| PB03.3222 | PS   | 32X22  | 165    | FORI M6   |
| PB03.1370 | PS   | 123X30 | 137    | FORI M10  |

All the measurements are in millimeters. Other sizes and shapes by request.

## ADVERTISING MAGNETS

Advertising magnets are suitable for magnetic boards, as a clip for paper sheets.  
All the measurements are in millimeters

### ML00 PLASTIC



| CODE             | D  | L  |
|------------------|----|----|
| ML00.3FE000.3010 | 30 | 10 |
| ML00.3FE000.4011 | 40 | 11 |

### ML02 BRIAR ROOT



| CODE     | D  | L  |
|----------|----|----|
| ML02.351 | 35 | 10 |

### AD02 CHROME OFFICE CLIP



| CODE      | D  | H  |
|-----------|----|----|
| AD02.2214 | 14 | 22 |

All the measurements are in millimeters. Other sizes and shapes by request.

## MAGNETIC HOLDERS



Applicable with its self-ahesive tape (without drilling!) on the surface. Usable for cars, trucks, motor bykes, campers, roulottes, boats. At home, in office, in kitchen.

Universal magnetical support for:

- kitchen tools;
- remote control for gate;
- pens (with Iron clips);
- microphone CB;
- others.

| CODE     | MODEL   | MATERIAL   | COLOUR  | DIAMETER | THICKNESS |
|----------|---------|------------|---------|----------|-----------|
| SC00.351 | MHR 351 | BRIAR ROOT | WOOD    | 35       | 10        |
| SC00.352 | MHR 352 | BRIAR ROOT | GREEN   | 35       | 10        |
| SC00.353 | MHR 353 | BRIAR ROOT | BLUE    | 35       | 10        |
| SC02.341 | MHA 341 | ALLUMINIUM | CHROME  | 35       | 11        |
| SC02.342 | MHA 342 | ALLUMINIUM | SATIN   | 35       | 11        |
| SC03.331 | MHS 331 | ENAMELLING | COLORED | 35       | 12        |
| SC04.321 | MHP 321 | PVC        | BLACK   | 35       | 12        |
| SC05.301 | MHG 301 | RUBBER     | BLACK   | 34       | 6         |



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